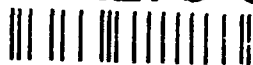


MARINE CORPS STUDIES CATALOG

Fiscal Year 1994

VOLUME VI

AD-A278 992



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1. The enclosure is forwarded pursuant to the reference. This catalog provides users with a ready source for reviewing major studies performed within the Marine Corps Studies Program. Included is an alphabetical listing of studies by category and a descriptive summary of each study initiated since 1991, indicating its current status (ongoing, completed, or to be initiated during FY94).

2. Users of this catalog are encouraged to submit recommended additions, deletions, and any proposed improvements for the catalog to CG, MCCDC (C 453).

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MARINE CORPS STUDIES CATALOG

VOLUME VI - 1991-1994

CHAPTER 1. INTRODUCTION

1.1. PURPOSE. The purpose of the Marine Corps Studies Catalog is to provide a ready source for reviewing studies and analyses that have been undertaken by the Marine Corps or are directly related to the Marine Corps. The Department of Defense (DoD) central data bank, which is maintained by the Defense Technical Information Center (DTIC), is the main DoD source of information for planned, ongoing, and completed studies and analyses. The Marine Corps Studies Catalog is intended to supplement the DTIC data bank; the DTIC data bank and this Marine Corps Studies Catalog should be consulted prior to the initiation of any Marine Corps study or analysis in an effort to avoid unnecessary duplication of other planned, ongoing, or completed studies and analyses. Volume VI of this catalog supplements the previous five volumes which contain study data from 1963 through 1993. Volume VI contains updated information on 1991 through 1993 studies whose status was incomplete when the previous volumes were published in addition to 1994 studies. Further information with regard to the Marine Corps studies system is contained in Marine Corps Order P3902.1B.

1.2. DEFINITION OF TERMS. To assist the users of this catalog, the terms used herein are defined below.

a. **Studies Control Number (SCN).** Study Control Numbers consist of the Marine Corps DTIC accession indicator "29" or "DM" followed by six digits assigned by the Marine Corps Combat Development Command (MCCDC) to track a study from inception to completion. The SCN numbering system is outlined in Appendix 1.

b. **Center for Naval Analyses (CNA) Number.** For those studies and analyses performed by CNA, a CNA number is assigned in addition to the SCN.

c. **Title.** The full title of the study or analysis.

d. **Category.** Each study contained in this catalog is listed under one of the following eight categories:

- (1) Concepts and Plans
- (2) Installations and Logistics
- (3) Intelligence

- (4) International Security
- (5) Management
- (6) Manpower and Personnel
- (7) Operations and Force Structure
- (8) Science, Technology, Systems and Equipment

e. **Classification.** The security classification of the study or analysis.

f. **Sponsor.** The head of the staff office within HQMC which has primary cognizance over the subject matter contained in the study.

g. **Performing Activity.** The agency responsible for the actual conduct of the study or analysis. These include MCCDC, CNA, Office of Naval Research (ONR), Navy Systems Commands (NSC), Navy Laboratories, other DoD study activities and civilian contractors.

h. **Time Frame.** One of the following three time periods which the study problem addresses:

(1) Short Range. The current year plus one year.

(2) Mid-Range. The period commencing at the end of the short-range period and projected ten years.

(3) Long Range. The period commencing at the end of the midrange period and projected ten years.

i. **Status.** The status of a study is listed in one of the following four categories:

(1) Completed. This indicates the study has been completed and approved for publication.

(2) In progress. The study agency has initiated work on an assigned study and it is ongoing at the time of this catalog's publication.

(3) Staffing. The study has been completed and the final report is undergoing review at the time of this catalog's publication.

(4) Terminated. A study which was initiated, entered into the Defense Technical Information System but terminated prior to completion.

j. **Defense Technical Information Center Number.** The DTIC maintains and disseminates information on all DoD scientific and technical documents. Final reports of all Marine Corps approved studies are to be given to DTIC for inclusion in their data bank and assignment of a DTIC number. Copies of DoD studies can be obtained from DTIC by utilizing the assigned DTIC number. Copies of studies not held by DTIC may possibly be obtained from the sponsor. A DTIC number may have been assigned to a study after publication of this catalog. Required data may be obtained by a title search.

k. **Summary.** The summary is a brief description of the purpose and/or objectives of the study.

1.3. **STUDY LISTINGS.** Chapter 2 of this catalog contains a listing of Marine Corps studies. Study titles are listed alphabetically under one of the eight categories noted in paragraph 1.2.d. above.

1.4. **STUDY SUMMARIES.** Chapter 3 contains summaries of all Marine Corps studies. The summaries are organized by fiscal year and appear in SCN sequence within the fiscal year.

1.5. **SYNOPSIS.** This catalog is a reference publication. Its purpose is to assist the user in obtaining scientific and technical data from the Marine Corps and DTIC and to prevent unnecessary duplication of analytical effort. For further information concerning DTIC resources, call or write:

Defense Technical Information Center
ATTN: DTIC-DDR-2
Cameron Station
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Commercial - (202) 274-6871/6872
DSN - 284-6871/6872

1.6. **UPDATE.** The Commanding General, Marine Corps Combat Development Command, Quantico, Virginia is responsible for the annual update of this catalog. Additions/deletions and/or recommendations should be addressed to:

Commanding General (C 453)
Marine Corps Combat Development Command
Studies and Analysis Division
3093 Upshur Avenue
Quantico, VA 22134-5130
Commercial - (703) 640-4765
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CHAPTER 2. STUDY LISTINGS

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2.1. Purpose. This chapter provides for a rapid method of locating a Marine Corps study.

2.2. Organization. Section II, Listing by Category, lists the Marine Corps Studies and Analyses by category and title. Refer to Chapter 1, paragraph 1.2.d. for the functional area categories used in this catalog.

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CHAPTER 3. STUDY SUMMARIES

3.1. **GENERAL.** The studies contained in this chapter are listed by the fiscal year in which each study was initiated. To find a study by category or mission area, refer to the appropriate section of Chapter 2.

3.2. Fiscal Year 1991

SCN: 29-910101
Title: USMC Manpower, Personnel, and Training
(MPT) Course Analysis and Development
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: MARCORSYSCOM
Performing Activity: PRC
Time Frame: Mid-Range
Status: Completed May 1992
DTIC No.: AD-B174314
Summary:

Develop and demonstrate a prototype course curriculum for the formal MPT training of Marine Corps personnel.

SCN: 29-910102
Title: Casualty Rate Estimation
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (MPP)
Performing Activity: ASEC
Time Frame: Mid-Range
Status: Completed January 1993
DTIC No.: AD-B176802
Summary:

Incorporate the results of the U.S. Navy DNBI Study into the CASRATE planning methodology, and develop a CASRATE-compatible estimation method for casualties resulting from nuclear, biological and chemical (NBC) weapons.

SCN: 29-910103
Title: **Revision of Manpower Requirements
Determination Program (MRDP)**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: PRC
Time Frame: Mid-Range
Status: Completed November 1992
DTIC No.: AD-B170648
Summary:

To explore methods of determining manpower requirements or revising the current MRDP procedure in order to speed up the process and reduce its cost.

SCN: 29-910104
Title: **SO/LIC OPS Foreign Language Proficiency**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: MCCDC (T&E)
Performing Activity: N/A
Time Frame: Mid-Range
Status: Canceled
DTIC No.: N/A
Summary:

Analysis of the need for foreign language proficiency and recommend programs to enhance the Marine Corps' foreign language capabilities.

SCN: 29-910105
CNA No.: CRM 90-120
Title: **Construction of Final Forms for a New
Enlistment Screening Test**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed December 1990
DTIC No.: AD-A235405
Summary:

Two forms, each containing 35 verbal and 30 mathematics items, have been developed for a new Enlistment Screening Test (EST) to predict Armed Forces Qualification Test (AFQT) scores of military applicants.

SCN: 29-910106
 CNA No.: CRM 90-119
 Title: **Development of Overlength Forms for a New Enlistment Screening Test**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed December 1990
 DTIC No.: AD-A235732
 Summary:

Overlength forms, containing about 50 percent more items than needed in the final forms, have been developed for a new Enlisted Screening Test.

SCN: 29-910107
 CNA No.: CRM 90-182
 Title: **Validation of ASVAB Against Infantry Job Performance**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed December 1990
 DTIC No.: AD-A235406
 Summary:

The validity of the Armed Services Vocational Aptitude Battery (ASVAB) against several measures of infantry performance collected as part of Job Performance Measurement project.

SCN: 29-910108
 CNA No.: CRM 90-217
 Title: **Robust Estimation Using Student's t Distribution**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed December 1990
 DTIC No.: AD-B152549
 Summary:

Robust estimators are useful when observations contain gross errors or are sampled from a heavy-tailed distribution. Monte Carlo results show these estimators to be as efficient as the biweight estimators of location and scale.

SCN: 29-910109
CNA No.: CRM 90-134
Title: **The Marine Corps Aviator Pipeline**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed January 1991
DTIC No.: AD-B154623
Summary:

This research memorandum describes the operation of the training pipeline for Marine Corps student naval aviators and student naval flight officers.

SCN: 29-910110
CNA No.: CIM 135
Title: **Longitudinal Tracking Files for Marine Corps Officers**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Long Range
Status: Completed February 1991
DTIC No.: AD-B163124
Summary:

This information memorandum describes a longitudinal tracking file for Marine Corps officers created from quarterly snapshots from the Headquarters Master File.

SCN: 29-910111
CNA No.: CRM 90-238
Title: **Average Cost of Training for First-Term Marines**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed April 1991
DTIC: AD-B158811
Summary:

This study attempts to measure the first-term costs and performance of enlisted Marines in several occupations. It also presents estimates of the costs per student for courses needed for Military Occupational Specialties studied in the project.

SCN: 29-910112
CNA No.: CIM 127
Title: Longitudinal ARSTAT Tracking Files for Enlisted Marines
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed April 1991
DTIC No.: AD-B158237
Summary:

The Marine Corps Quarterly Accession Retention Statistics (ARSTAT) files is a data base that provides both current and historical background records for enlisted Marines.

SCN: 29-910113
CNA No.: CRM 91-82
Title: Comparison of Three Procedures for Smoothing Score Distributions
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed June 1991
DTIC No.: AD-A242134
Summary:

Three parametric smoothing procedures are examined and found to be equally useful.

SCN: 29-910114
CNA No.: CRM 91-85
Title: Development of ASVAB Norms for the Student Testing Program
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed June 1991
DTIC No.: AD-A242135
Summary:

ASVAB scores will soon be reported on three composites and ten subtests. The objective of this research memorandum is to present norms for these scores.

SCN: 29-910115
CNA No.: CRM 91-99
Title: **Analysis and Prediction of Infantry Unit Leaders' Performance**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed June 1991
DTIC No.: AD-B163271
Summary:

This research memorandum covers a variety of issues related to the performance of enlisted infantry unit leaders and the ability of the ASVAB to predict that performance.

SCN: 29-910116
CNA No.: CIM 122
Title: **CNA's Longitudinal HMF Tracking Files for Enlisted Marines**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Status: Completed June 1991
DTIC No.: N/A
Summary:

This information memorandum describes CNA's current longitudinal tracking files of the Headquarters Master File for enlisted Marines.

SCN: 29-910117
CNA No.: CIM 145
Title: **USMC Training: An Overview**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: MCCDC (T&E)
Performing Activity: CNA
Status: Completed June 1991
DTIC No.: N/A
Summary:

This information memorandum provides an overview of the organization of training within the Marine Corps, a description of the training paths traveled by enlisted Marines and officers, and some summary statistics.

SCN: 29-910118
CNA No.: CRM 91-53
Title: **An Investigation of Marriage and Dependency Rates for Enlisted Marines**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed July 1991
DTIC No.: AD-A246493
Summary:

This research memorandum analyzes the factors underlying the recent growth in the proportion of enlisted Marines that are married or that have dependents.

SCN: 29-910119
CNA No.: CRM 91-64
Title: **Reenlisting in the Marine Corps: The Impact of Bonuses, Grade, and Dependency Status**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed July 1991
DTIC No.: AD-A246494
Summary:

First-term reenlistment decisions for recommended and eligible Marines in FY 1980 through FY 1990 are analyzed in this research memorandum.

SCN: 29-910120
CNA No.: CIM 161
Title: **The Marine Corps Marriage and Dependent Children Database (MCMAD)**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed July 1991
DTIC No.: AD-B153245
Summary:

The Marine Corps Marriage and Dependent Children Database provides a quick-response capability for questions on marital and dependency status of enlisted Marines.

SCN: 29-910121
CNA No.: CIM 172
Title: **Job Performance Tests for Motor Transport
Mechanics - Volume I: Hands-On
Performance Tests**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed July 1991
DTIC No.: AD-B163220
Summary:

Performance tests and job knowledge tests were developed for the Job Performance Measurement Project.

SCN: 29-910122
CNA No.: CIM 172
Title: **Job Performance Tests for Motor Transport
Mechanics - Volume II: Administrative
Duties and Job Knowledge Tests**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed July 1991
DTIC No.: AD-B163221
Summary:

Performance tests and job knowledge tests were developed for specialties as part of the Marine Corps Job Performance Measurement Project.

SCN: 29-910123
CNA No.: CIM 173
Title: **Updating CNA's Marine Corps Accession
Cohort Files**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed August 1991
DTIC No.: AD-B163052
Summary:

Documents the accession cohort data system maintained by CNA.

SCN: 29-910124
 CNA No.: CIM 179
 Title: **Job Performance Tests for CH-46 Helicopter Mechanics - Volume I: Hands-On Test**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed August 1991
 DTIC No.: AD-B163073
 Summary:

Documents performance tests and job knowledge tests developed for CH-46 helicopter mechanics as part of the Marine Corps Job Performance Measurement Project.

SCN: 29-910125
 CNA No.: CIM 179
 Title: **Job Performance Tests for CH-46 Helicopter Mechanics - Volume II: Administrative Duties and Job Knowledge**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed August 1991
 DTIC No.: AD-B163074
 Summary:

Documents performance tests and job knowledge tests developed for CH-46 helicopter mechanics as part of the Marine Corps Job Performance Measurement Project.

SCN: 29-910126
 CNA No.: CRM 90.219.10
 Title: **Rankings by Historical Attrition Rates of Potential Marine Corps Recruits**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed September 1991
 DTIC No.: AD-B172482
 Summary:

Categorization and ranking of potential Marines based on historical non-end of service attrition rates.

SCN: 29-910127
CNA No.: CRM 91-89
Title: **Marine Corps Training Concepts, Issues, and Analyses**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: MCCDC (T&E)
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed September 1991
DTIC No.: AD-B171227
Summary:

The study identified training issues facing the Marine Corps and investigated analytical methods and sources of training data.

SCN: 29-910128
CNA No.: CRM 91-161
Title: **An Analysis of CAT-ASVAB Scores in the Marine Corps JPM Data**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed September 1991
DTIC No.: AD-A252074
Summary:

Analysis of the results of CAT-ASVAB administered to 1,400 Marines.

SCN: 29-910129
CNA No.: CIM 192
Title: **Job Performance Tests for CH-53A/D Helicopter Mechanics, Volume I: Test**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed October 1991
DTIC No.: AD-A262178
Summary:

Disseminate performance measures to Marine Corps personnel managers, training instructors, and interested researchers.

SCN: 29-910130
CNA No.: CIM 192
Title: Job Performance Tests for CH-53A/D
Helicopter Mechanics, Volume II:
Admin Duties and Job Knowledge Tests
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed October 1991
DTIC No.: AD-A262179
Summary:

Disseminate performance measures to USMC personnel managers, training instructors, and interested researchers.

SCN: 29-910131
CNA No.: CIM 196
Title: A Test of the Temporal Invariance of ASVAB
Item Parameters
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed November 1991
DTIC No.: AD-A265208
Summary:

ASVAB test data of 1980 national sample of youth vs results from a 1988 test administered to military applicants.

SCN: 29-910132
CNA No.: CIM 200
Title: Job Performance Tests for U/AH-1
Helicopter Mechanics, Volume I: Hands-On
Performance Test
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed November 1991
DTIC No.: AD-B171174
Summary:

The purpose of this information memorandum is to disseminate these performance measures to Marine Corps personnel managers, training instructors, and interested researchers.

SCN: 29-910133
CNA No.: CIM 200
Title: Job Performance Tests for U/AH-1
Helicopter Mechanics, Volume II: Admin
Duties and Job Knowledge Test
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed November 1991
DTIC No.: AD-B171175
Summary:

Disseminate these performance measures to Marine Corps personnel managers, training instructors, and interested researchers.

SCN: 29-910201
Title: Mission Area Analysis MA 23 - Close Combat
Category: Concepts and Plans
Classification: Unclassified
Sponsor: MCCDC (C&P)
Performing Activity: Internal Marine Corps Working Group
Time Frame: Mid-Range
Status: Completed June 1991
DTIC No.: Not held by DTIC
Summary:

Assess the MAGTF's capability to use tactical combat power to locate and destroy the enemy by fire and maneuver.

SCN: 29-910202
Title: Command and Control Concept for Maneuver
Warfare and Over-the-Horizon (OTH)
Operations
Category: Concepts and Plans
Classification: Unclassified
Sponsor: MCCDC (C&P)
Performing Activity: PRC
Time Frame: Long Range
Status: Completed March 1992
DTIC No.: AD-B165243
Summary:

Develop a concept for a command and control system that will support the requirements imposed by using maneuver warfare and OTH operations.

SCN: 29-910203
Title: **MAGTF Operations in an NBC Environment**
Category: Concepts and Plans
Classification: Secret
Sponsor: MCCDC (C&P)
Performing Activity: PRC
Time Frame: Mid-Range
Status: Canceled
DTIC No.: N/A
Summary:

Determine alternatives for how an expeditionary Marine Air-Ground Task Force (MAGTF) can survive and maintain momentum in an NBC environment by looking at how the MAGTF protects itself, detects and identifies hazards, decontaminates personnel and equipment, and warns and reports the presence of NBC hazards.

SCN: 29-910204
Title: **Mission Area Analysis MA 22 - Ground Tactical Mobility/Counter-mobility**
Category: Concepts and Plans
Classification: Confidential
Sponsor: MCCDC (C&P)
Performing Activity: Internal Marine Corps Working Group
Time Frame: Short Range
Status: Completed November 1991
DTIC No.: AD-B162451
Summary:

Assess the MAGTF's ground tactical mobility/counter-mobility capabilities.

SCN: 29-910207
Title: **Mission Area Analysis MA 70 - Manpower**
Category: Concepts and Plans
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: PRC
Time Frame: Mid-Range
Status: Completed August 1992
DTIC No.: AD-B171473
Summary:

To define and assess the Marine Corps' manpower requirements, determine capabilities to manage personnel procurement, classification and distribution, and identify and prioritize deficiencies.

SCN: 29-910208
Title: NorthEast Asia Scenario
Category: Concepts and Plans
Classification: Secret
Sponsor: MCCDC (C&P)
Performing Activity: TRADOC
Time Frame: Long Range
Status: Canceled
DTIC No.: N/A
Summary:

To develop theater, corps, and MAGTF scenarios for the 2000-2005 time frame based on the Illustrative Planning Scenario in the Defense Guidance and existing campaign plans.

SCN: 29-910209
Title: Mission Area Analysis MA 33 -
Assault Support
Category: Concepts and Plans
Classification: Unclassified
Sponsor: MCCDC (C&P)
Performing Activity: Internal Marine Corps Working Group
Time Frame: Short Range
Status: Completed November 1991
DTIC No.: AD-B162450
Summary:

Assess the Aviation Combat Element's ability to provide an assault support capability to the MAGTF.

SCN: 29-910210
Title: Mission Area Analysis MA 34 -
Offensive Air Support
Category: Concepts and Plans
Classification: Confidential
Sponsor: MCCDC (C&P)
Performing Activity: Internal Marine Corps Working Group
Time Frame: Mid-Range
Status: Completed January 1992
DTIC No.: AD-B162452
Summary:

Assess the Aviation Combat Element's ability to provide offensive air support to the MAGTF.

SCN: 29-910211
 CNA No.: CRM 91-101
 Title: **Maritime Prepositioned Force Offload Model, Vol. I: Main Text/Appendixes A/B**
 Category: Concepts and Plans
 Classification: Confidential
 Sponsor: MCCDC (REQ)
 Performing Activity: CNA
 Time Frame: Mid-Range
 Status: Completed April 1991
 DTIC No.: N/A
 Summary:

Documents the design and use of the Maritime Prepositioned Force (MPF) Offload Model.

SCN: 29-910212
 CNA No.: CRM 91-128
 Title: **Marine Corps Training Ammunition Requirements Study: Extension for Mobilization Training**
 Category: Concepts and Plans
 Classification: Unclassified
 Sponsor: MCCDC (T&E)
 Performing Activity: CNA
 Time Frame: Mid-Range
 Status: Completed July 1991
 DTIC No.: AD-B163272
 Summary:

Describes the study of the USMC mobilization process and the results of developing an extension of the TARMS methodology to include training ammunition requirements for Marine Corps mobilization.

SCN: 29-910213
 CNA No.: CIM 167
 Title: **Marine Aviation Combat Element (MACE) 2010 Study: Scenario and Concept of Operations**
 Category: Concepts and Plans
 Classification: Secret/NOFORN
 Sponsor: HQMC (AVN)
 Performing Activity: CNA
 Time Frame: Long Range
 Status: Completed November 1991
 DTIC No.: N/A
 Summary:

Presents a mid-level intensity scenario to complement the MACE 2010 Study.

SCN: 29-910301
Title: The Marine Corps Model
Category: Operations and Force Structure
Classification: Unclassified
Sponsor: MCCDC (C&P)
Performing Activity: Internal Marine Corps Working Group
 (Phase I)
 Contractor-TBD (Phase II)
Time Frame: Mid-Range
Status: Canceled
DTIC No.: N/A
Summary:

To develop a prototype family of models that incorporate knowledge-based expert system applications to support MAGTF force structure planning.

SCN: 29-910302
Title: Measures of Effectiveness for Marine Corps
 Readiness and Sustainability (Phases I &
 II)
Category: Operations and Force Structure
Classification: Unclassified
Sponsor: HQMC (LPM)
Performing Activity: PRC
Time Frame: Long Range
Status: Completed May 1992
DTIC No.: AD-B162164
Summary:

To develop a methodology to show the effect on MAGTF readiness and sustainability resulting from a change in OPSTEMPO or a material shortage in various classes of supply; and to quantify the impact that cuts to O&M funding will have on MAGTF readiness and sustainability.

SCN: 29-910303
Title: Tailoring the MAGTF for Combat Against a
 Strong Armored Threat
Category: Operations and Force Structure
Classification: Unclassified
Sponsor: Marine Corps University
Performing Activity: Naval Postgraduate School
Time Frame: Short Range
Status: Completed September 1991
DTIC No.: AD-A159748
Summary:

Determine the optimum organizational structure of the MAGTF capable of conducting offensive operations in level desert terrain against a strong armored enemy while continuing to possess effective strategic mobility.

SCN: 29-910304
Title: **Automation of the Marine Corps Health Service Support (HSS) for Use Within the Combat Service Support TSS**
Category: Operations and Force Structure
Classification: Unclassified
Sponsor: MCCDC (DOC)
Performing Activity: CASCOM
Time Frame: Mid-Range
Status: Completed March 1993
DTIC No.: AD-B173061
Summary:

Build Marine Corps HSS structures, their inherent task organization, mission and treatment capabilities, authorized medical and dental lists (AMAL/ADALs) and supply levels, and organic HSS transportation assets.

SCN: 29-910305
Title: **Marine Corps Aviation Mishap Rate Assessment**
Category: Operations and Force Structure
Classification: Unclassified
Sponsor: HQMC (ASA)
Performing Activity: ASEC
Time Frame: Short Range
Status: Completed May 1992
DTIC No.: AD-B165036L
Summary:

An impartial evaluation of current Marine Aviation concepts, policies, techniques, methods, and systems from calendar year 1986 to the present.

SCN: 29-910306
CNA No.: CRM 90-249
Title: **Initial Deployment of Navy Medical Assets in Support of Operation Desert Shield**
Category: Operations and Force Structure
Classification: Secret
Sponsor: MCCDC (DOC) and OP-08
Performing Activity: CNA
Time Frame: Short Range
Status: Completed January 1991
DTIC No.: N/A
Summary:

The Navy has provided significant medical support for Operation Desert Shield. This research memorandum describes the initial deployment of the Navy's medical assets through 6 October 1990.

SCN: 29-910307
CNA No.: CRM 91-37
Title: **Marine Corps Operations in Desert Shield**
Category: Operations and Force Structure
Classification: Secret
Sponsor: MCCDC (DOC) and OP-08
Performing Activity: CNA
Time Frame: Short Range
Status: Completed February 1991
DTIC No.: N/A
Summary:

This research memorandum documents the activities of the Marine Corps during Operation Desert Shield, between 2 August 1990 and 15 January 1991. The analysis summarizes the deployments during the operations, documenting the command relationships throughout.

SCN: 29-910308
CNA No.: CRM 91-26
Title: **Maritime Intercept Operations**
Category: Operations and Force Structure
Classification: Secret
Sponsor: MCCDC (DOC) and OP-08
Performing Activity: CNA
Time Frame: Short Range
Status: Completed February 1991
DTIC No.: N/A
Summary:

Desert Shield maritime operations between 18 August 1990 and 15 January 1991 are analyzed based on message traffic received at CNA and correspondence received from field representatives.

SCN: 29-910309
CNA No.: CRM 91-15
Title: **Exercise FREEDOM BANNER/Humanitarian Assistance MAGTF-90**
Category: Operations and Force Structure
Classification: Unclassified
Sponsor: FMFPAC
Performing Activity: CNA
Time Frame: Short Range
Status: Completed March 1991
DTIC No.: AD-B158077
Summary:

The standup and operation of the humanitarian assistance Crisis Action Module (CAM) is evaluated.

SCN: 29-910310
 CNA No.: CRM 91-57
 Title: **Battle Group Delta Participation in Desert Shield Operations**
 Category: Operations and Force Structure
 Classification: Secret
 Sponsor: MCCDC (C&P) and OP-08
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed July 1991
 DTIC No.: N/A
 Summary:

Documents the participation of Battle Group Delta in Operation Desert Shield from August 1990 to November 1990.

SCN: 29-910311
 CNA No.: CRM 91-97
 Title: **The Deployment of U.S. Navy Carriers for Operation Desert Storm**
 Category: Operations and Force Structure
 Classification: Confidential
 Sponsor: MCCDC (C&P) and OP-08
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed August 1991
 DTIC No.: N/A
 Summary:

Overview of the procedures that were followed for deploying the six carriers that conducted combat operations during Operation Desert Storm (ODS).

SCN: 29-910312
 CNA No.: CRM 91-153
 Title: **Preparations for Casualty Regulating and CONUS Care During Operation Desert Storm**
 Category: Operations and Force Structure
 Classification: Unclassified
 Sponsor: MCCDC (DOC) and OP-08
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed October 1991
 DTIC No.: N/A
 Summary:

Description of the system established to regulate the flow of Desert Storm casualties from theater and the build-up of capabilities in the continental U.S. (CONUS) to receive casualties.

SCN: 29-910313
 CNA No.: CRM 91-228
 Title: **Marine Corps Desert Storm Reconstruction Report - Volume II: Ground Force Operations**
 Category: Operations and Force Structure
 Classification: Unclassified
 Sponsor: MCCDC (C&P)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed October 1991
 DTIC No.: N/A
 Summary:

Documents the events that occurred on the ground and discusses a number of issues or events that emerged from the planning and operations. Includes a chronological narrative of the Marine Corps operations and how they fit into the theater commander's plan.

SCN: 29-910401
 Title: **Command Religious Program Logistics in Combat (1991-2000)**
 Category: Installations and Logistics
 Classification: Unclassified
 Sponsor: MCCDC (DOC)
 Performing Activity: Internal Marine Corps Working Group
 Time Frame: Mid-Range
 Status: Completed November 1991
 DTIC No.: AD-B143863
 Summary:

To determine chaplain hardware and consumable kit requirements based on the religious demographics of Marines, the number of chaplains assigned to the Marine Corps and their religious affiliation, and specific combat kit needs.

SCN: 29-910402
 CNA No.: CRM 91-17
 Title: **Operation Desert Shield Bulk Fuel Planning**
 Category: Installations and Logistics
 Classification: Secret
 Sponsor: MCCDC (DOC) and OP-08
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed February 1991
 DTIC No.: N/A
 Summary:

Operation Desert Shield bulk fuel planning as undertaken by the staff of the Seventh Marine Expeditionary Brigade is examined.

SCN: 29-910403
 CNA No.: CRM 91-38
 Title: **Reconfiguration of MPSRon-3 to Support the Priority Force Modules**
 Category: Installations and Logistics
 Classification: Unclassified
 Sponsor: FMFPAC
 Performing Activity: CNA
 Time Frame: Mid-Range
 Status: Completed March 1991
 DTIC No.: AD-B152762
 Summary:

The ability of MPSRons to support priority force modules is investigated through an analysis of MPSRon-3, a squadron of four Am sea-class ships.

SCN: 29-910404
 CNA No.: CRM 91-24
 Title: **MPS Squadron Three Ordnance Sustainment for Priority Force Modules**
 Category: Installations and Logistics
 Classification: Secret
 Sponsor: FMFPAC
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed March 1991
 DTIC No.: N/A
 Summary:

Examines the ability of ships in Maritime Prepositioned Ship (MPS) Squadron Three to provide sufficient ordnance sustainment to forces the size of a MEU or low-intensity conflict Marine Expeditionary Brigade (LIC MEB).

SCN: 29-910405
 CNA No.: CRM 91-73
 Title: **Reconfiguration of MPSRon-2 to Support the Priority Force Modules, Volume I: Main Text and Appendixes A-E**
 Category: Installations and Logistics
 Classification: Unclassified
 Sponsor: FMFPAC
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed March 1991
 DTIC No.: AD-B152763
 Summary:

The ability of Maritime Prepositioned Ship Squadrons (MPSRons) to support priority force modules was investigated.

SCN: 29-910406
CNA No.: CRM 91-74
Title: **Reconfiguration of MPSRon-2 to Support the
Priority Force Modules, Volume II:
Appendix F - Ordnance Sustainment**
Category: Installations and Logistics
Classification: Secret
Sponsor: FMFPAC
Performing Activity: CNA
Time Frame: Short Range
Status: Completed March 1991
DTIC No.: N/A
Summary:

The ability of Maritime Prepositioned Ship Squadrons (MPSRons) to support priority force modules was investigated.

SCN: 29-910407
CNA No.: CNR 190
Title: **FMF Force Module Enhancement Study**
Category: Installations and Logistics
Classification: Unclassified
Sponsor: FMFPAC
Performing Activity: CNA
Time Frame: Short Range
Status: Completed March 1991
DTIC No.: AD-B152767
Summary:

The FMF Force Module Enhancement Study was conducted to demonstrate that the Maritime Prepositioning Ship Squadrons can effectively support priority force modules.

SCN: 29-910408
CNA No.: CRM 91-6
Title: **Supporting Amphibious Assault from a Sea
Base**
Category: Installations and Logistics
Classification: Unclassified
Sponsor: 5th MEB and COMPHIBGRU 3
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed April 1991
DTIC No.: AD-B152792
Summary:

The application of sea-based logistics in KERNAL BLITZ-89 and RIMPAC-90 is investigated.

SCN: 29-910409
 CNA No.: CRM 90-265
 Title: **The Marine Corps Training Ammunition Study**
 Category: Installations and Logistics
 Classification: Unclassified
 Sponsor: MCCDC (T&E)
 Performing Activity: CNA
 Time Frame: Mid-Range
 Status: Completed April 1991
 DTIC No.: AD-B158179
 Summary:

This study analyzed and structured the total annual training ammunition requirements, assuming that all Marines, active duty and reserve, perform all their required annual training to achieve prescribed standards.

SCN: 29-910410
 CNA No.: CRM 91-121
 Title: **The Maritime Prepositioned Force Offload Model: Appendix C and Appendix D - Data Dictionary and Computer Code**
 Category: Installations and Logistics
 Classification: Unclassified
 Sponsor: MCCDC (DOC)
 Performing Activity: CNA
 Time Frame: Mid-Range
 Status: Completed April 1991
 DTIC No.: AD-B158811
 Summary:

Documents the design and use of the Maritime Prepositioned Force (MPF) Offload Model. The model was written at CNA to examine MPF offload operations in different environments.

SCN: 29-910411
 CNA No.: CRM 91-202
 Title: **MPS Maintenance Study**
 Category: Installations and Logistics
 Classification: Unclassified
 Sponsor: HQMC (I&L)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed August 1991
 DTIC No.: AD-B163313
 Summary:

Analysis of the labor force and site for maintenance of equipment on Maritime Prepositioned Ships. Includes an evaluation of the purchase alternative to the present lease for the property at Blount Island.

SCN: 29-910501
Title: **Mines/Minelaying and Countermine Requirements for the Mid-Range**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: PRC
Time Frame: Mid-Range
Status: Completed March 1992
DTIC No.: AD-B165024L
Summary:

Survey current mine and countermine capabilities; compare requirements and capabilities; and determine deficiencies and make recommendations for changes in doctrine, organization and equipment.

SCN: 29-910502
Title: **Unmanned Ground Vehicles (UGV)**
Category: Science, Technology, Systems, and Equipment
Classification: Secret
Sponsor: Unmanned Ground Vehicle Joint Project Officer
Performing Activity: AMSAA
Time Frame: Long Range
Status: Completed March 1992
DTIC No.: AD-B164352L
Summary:

Identify warfighting missions UGVs can effectively perform based on both the opportunities presented by the technology and on current, identified deficiencies.

SCN: 29-910503
Title: **Night Enhancement Capabilities for MAGTF Close Combat Operations**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: PRC
Time Frame: Mid-Range
Status: Completed January 1993
DTIC No.: AD-B176932
Summary:

Determine the most appropriate and effective night enhancement capabilities for close combat during the period 1995-2004.

SCN: 29-910504
Title: **Small Arms Master Plan**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MARCORSYSCOM
Performing Activity: Radian
Time Frame: Mid-Range
Status: Completed February 1993
DTIC No.: Not held by DTIC
Summary:

To support concept development and determine the most appropriate and effective means of enhancing small arms capabilities during the period 1994-2015.

SCN: 29-910505
CNA No.: CRM 90-253
Title: **Life-Cycle Costs of Advanced Amphibious Assault System Candidates**
Category: Science, Technology, Systems, and Equipment
Classification: For Official Use Only
Sponsor: MARCORSYSCOM
Performing Activity: CNA
Time Frame: Long Range
Status: Completed January 1991
DTIC No.: AD-B162359
Summary:

Provides life-cycle cost estimates for those options and for certain amphibious ships and craft, the quantities of which could be reduced by the choice of the AAA option.

SCN: 29-910506
CNA No.: CNR 182
Title: **Advanced Amphibious Assault (AAA) Program COEA: Summary Report**
Category: Science, Technology, Systems, and Equipment
Classification: Secret/NOFORN
Sponsor: MARCORSYSCOM
Performing Activity: CNA
Time Frame: Long Range
Status: Completed March 1991
DTIC No.: N/A
Summary:

Milestone I Cost and Operational Effectiveness Analysis of the Advanced Amphibious Assault (AAA) system.

SCN: 29-910507
CNA No.: CRM 90-252
Title: **Examination of Cueing Errors for LAAD Teams**
Category: Science, Technology, Systems, and Equipment
Classification: Confidential
Sponsor: MCCDC (REQ) and MAWTS-1
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed March 1991
DTIC No.: AD-B152770
Summary:

The cause and severity of cueing errors from two cueing systems for Low-Altitude Air Defense (LAAD) are examined.

SCN: 29-910508
CNA No.: CRM 91-1
Title: **HAWK Missile Systems Aboard AFOE Shipping**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: CNA
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed March 1991
DTIC No.: AD-B163228
Summary:

The feasibility of deploying the HAWK missile system on board strategic sealift ships for limited AAW self defense is investigated.

SCN: 29-910509
CNA No.: CRM 91-88
Title: **Revised Life-Cycle of Advanced Amphibious Assault System Candidates**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MARCORSYSCOM
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed April 1991
DTIC No.: AD-B171226
Summary:

Impact of cost estimate changes are analyzed as related to the Advanced Amphibious Assault system.

SCN: 29-910510
 CNA No.: CIM 150
 Title: **Marine Corps Combat Element Mobility Requirements for Mobile Maintenance Facilities**
 Category: Science, Technology, Systems, and Equipment
 Classification: For Official Use Only
 Sponsor: HQMC (AVN)
 Performing Activity: CNA
 Time Frame: Mid-Range
 Status: Completed July 1991
 DTIC No.: N/A
 Summary:

Assesses the mobility footprint of the mobile maintenance facilities of various MAGTFs.

SCN: 29-910511
 CNA No.: CRM 91-192
 Title: **Survey of Systems for MAGTF Training**
 Category: Science, Technology, Systems, and Equipment
 Classification: Unclassified
 Sponsor: FMFPAC
 Performing Activity: CNA
 Time Frame: Mid-Range
 Status: Completed October 1991
 DTIC No.: AD-B163277
 Summary:

Results of a survey of training devices and simulations by CNA and staff members of CG FMFPAC to determine whether these components could be integrated into an overall system.

SCN: 29-910512
 CNA No.: CRM 91-222
 Title: **Cost and Operational Effectiveness Analysis of the SMAW Block Upgrade**
 Category: Science, Technology, Systems, and Equipment
 Classification: Confidential
 Sponsor: MARCORSYSCOM
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed November 1991
 DTIC No.: N/A
 Summary:

Compares the cost and effectiveness of the shoulder-launched multipurpose assault weapon (SMAW) to the upgraded version and the disposable version.

SCN: 29-910513
CNA No.: CIM 196
Title: **Data and Sources for the Marine Corps
Portable Avionics Test Set**
Category: Science, Technology, Systems, and
Equipment
Classification: Unclassified
Sponsor: HQMC (AVN)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed October 1991
DTIC No.: AD-B153128
Summary:

Investigation of alternate repair options associated with the repair of avionics components on a portable version of the Consolidated Automated Support System (CASS).

SCN: 29-910514
CNA No.: CIM 91-172
Title: **Roll-On/Roll-Off Discharge Facility:
Operations Analysis**
Category: Science, Technology, Systems, and
Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed October 1991
DTIC No.: AD-B153203
Summary:

Investigation of the engineering, operational, and environmental issues affecting RRDFs.

SCN: 29-910601
Title: **Wargaming in Support of the POM Process
(Phase I)**
Category: Management
Classification: Unclassified
Sponsor: MCCDC (WG&CS)
Performing Activity: DDI
Time Frame: Mid-Range
Status: Completed September 1992
DTIC No.: AD-B163192
Summary:

To determine which wargames can best support the PPBS process and to define procedures that will integrate those wargames into the process.

SCN: 29-910602
CNA No.: CIM 134
Title: **User's Manual for the Marine Corps
Training Ammunition Requirements
Management System (TARMS)**
Category: Management
Classification: Unclassified
Sponsor: MCCDC (T&E)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed July 1991
DTIC No.: AD-B163087
Summary:

Provides documentation and guidelines for the users of the Training Ammunition Requirements Management System (TARMS).

SCN: 29-910603
CNA No.: CRM 91-120
Title: **Data Quality for Automotive Maintenance
Phase of the Marine Corps Job Performance
Measurement (JPM) Project**
Category: Management
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed August 1991
DTIC No.: AD-B152068
Summary:

Examination of the quality of data collected for the automotive maintenance portion of the Marine Corps Job Performance Measurement project, and describes measures taken to minimize the effect of questionable or missing cases.

SCN: 29-910604
CNA No.: CIM 156
Title: **TARMS User's Guide: Extension for
Mobilization**
Category: Management
Classification: Unclassified
Sponsor: MCCDC (T&E)
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed September 1991
DTIC No.: AD-B163865
Summary:

The new mobilization module for TARMS is described and users are provided with information for its maintenance and operation.

SCN: 29-910801
CNA No.: CRM 90-247
Title: **History of Maritime Patrol Aircraft (MPA)
Crisis Response Activity: A Brief Look**
Category: International Security
Classification: Secret/NOFORN/WNINTEL
Sponsor: HQMC (PP&O) and OP-06
Performing Activity: CNA
Time Frame: N/A
Status: Completed December 1990
DTIC No.: N/A
Summary:

This research memorandum examines the role of Maritime Patrol Aircraft (MPA) in these crisis response actions over the past 15 years.

SCN: 29-910802
CNA No.: CRM 90-246
Title: **The Use of Naval Forces in the Post-War
Era: U.S. Navy and U.S. Marine Corps
Crisis Response Activity 1946 - 1989**
Category: International Security
Classification: Unclassified
Sponsor: HQMC (PP&O) and OP-06
Performing Activity: CNA
Time Frame: N/A
Status: Completed February 1991
DTIC No.: Not held by DTIC
Summary:

Since the end of WWII, U.S. Naval Forces have played a major role in at least 207 U.S. responses to international incidents and crises, exclusive of the Korean and Vietnam wars. This research memorandum summarizes these U.S. Navy and U.S. Marine Corps crisis management operations.

3.3. Fiscal Year 1992

SCN: 29-920101
CNA No.: CRM 92-85
Title: **Managing the Marine Corps' Enlisted Force in the 1990's**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed November 1993
DTIC No.: Pending
Summary:

Provide alternative strategies for meeting prescribed end strength levels over the Future Years Defense Plan (FYDP). Addresses alternative accession policies, varying continuation rates, and desired advancement profiles for enlisted Marines.

SCN: 29-920102
Title: **Manpower Requirements Assessment Survey**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: Internal Marine Corps Working Group
Time Frame: Mid-Range
Status: Completed January 1993
DTIC No.: AD-B171040
Summary:

Develops a process that will prioritize and analyze non-FMF workload by functional area and identify workload requirements which can be streamlined, consolidated, reduced, or eliminated.

SCN: 29-920103
CNA No.: CRM 93-203
Title: **Job Performance Measurement Project (Phase I)**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed October 1993
DTIC No.: Pending
Summary:

An in-depth research effort to validate enlistment tests and selection standards against actual measures of job performance. Particular emphasis is on the test development and administration for the electronics repair composite.

SCN: 29-920104
CNA No.: CRM 91-127
Title: **Analysis of Support Funding for Marine Corps Recruiting**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed January 1992
DTIC No.: AD-A254597
Summary:

An attempt to identify an improved method of allocating Marine Corps recruiting support funds to the districts.

SCN: 29-920105
CNA No.: CRM 91-221
Title: **Data Quality for the Helicopter Maintenance Phase of the Marine Corps Job Performance Measurement Project**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed January 1992
DTIC No.: AD-B165342
Summary:

Examines the quality of data collected for the helicopter maintenance portion of the Marine Corps JPM project and describes measures taken to minimize the effect of questionable or missing cases.

SCN: 29-920106
CNA No.: CRM 91-224
Title: **Uniqueness of a Psychomotor Construct to ASVAB**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed January 1992
DTIC No.: AD-B165896
Summary:

Examination of the comparability of measurement for the computerized and paper-and-pencil ASVAB tests.

SCN: 29-920107
CNA No.: CRM 266
Title: **An Inventory Flow Model to Investigate Transitions in Enlisted Marine Corps Endstrength**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed February 1992
DTIC No.: AD-A221841
Summary:

Description of the LOTUS 1-2-3 spreadsheet designed to analyze yearly transitions between enlisted Marine Corps endstrength numbers from one fiscal year to the next.

SCN: 29-920108
CNA No.: CRM 91-246
Title: **Reliability of Mechanical Maintenance Performance Measures**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed February 1992
DTIC No.: AD-B165223
Summary:

Examination of the reliability of two performance measures for mechanical maintenance developed by the Marine Corps Job Performance Measurement Project: Hands-on performance tests and job knowledge tests.

SCN: 29-920109
CNA No.: CRM 91-230
Title: **Seasonal Patterns in the Senior and Graduate Markets for Marine Recruits**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed March 1992
DTIC No.: AD-B166144
Summary:

Examination of the effects the time of the has when a contract is assigned on the Delayed Entry Program.

SCN: 29-920110
CNA No.: CRM 91-242
Title: **Development and Scoring of Hands-on
Performance Tests for Mechanical
Maintenance Specialties**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed March 1992
DTIC No.: Not held by DTIC
Summary:

Report on the procedures used for the development and scoring of hands-on performance tests for the mechanical phase of the Job Performance Measurement project

SCN: 29-920111
CNA No.: CRC 615
Title: **Polynomial Families of Distribution**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed March 1992
DTIC No.: AD-B166308
Summary:

This research paper explores the theory of polynomial families.

SCN: 29-920112
CNA No.: CIM 220
Title: **Inventory Force Simulation for Enlisted
Marines**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed June 1992
DTIC No.: AD-B166759
Summary:

Description of how the Inventory Force Simulation is run on a personal computer.

SCN: 29-920113
CNA No.: CRM 92-71
Title: **Sensitivity and Fairness of the Marine Corps Mechanical Maintenance Composite**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed June 1992
DTIC No.: Not held by DTIC
Summary:

This research memorandum analyzes the prediction of hands-on performance in the automotive mechanic occupational specialty using the Marine Corps' Mechanical Maintenance Composite.

SCN: 29-920114
CNA No.: CRM 92-36
Title: **Factor Structure and Incremental Validity of the Enhanced Computer-Administered Tests**
Category: Manpower and Personnel
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed July 1992
DTIC No.: AD-B168010
Summary:

Investigation of new computerized predictor tests that are sensitive to traits not measured by the current ASVAB.

SCN: 29-920115
CNA No.: CRM 92-80
Title: **Computing AFQT Scores from Historical Data**
Category: Manpower and Personnel
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed August 1992
DTIC No.: AD-B168161
Summary:

This research memorandum discuss the difficulties of interpreting historical data from the AFQT and suggests solutions.

SCN: 29-920116
 CNA No.: CRM 92-85
 Title: **Determining the Number and Composition of First-Term Reenlistments: The First-Term Alignment Plan (FTAP)**
 Category: Manpower and Personnel
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed October 1992
 DTIC No.: AD-B170642
 Summary:

Description of how the FTAP was constructed from FY 1988 through FY 1991.

SCN: 29-920117
 CNA No.: CRM 91-160
 Title: **Time in Grade: A Historical Summary for Enlisted Marine Corps' Promotions from FY 1979 through FY 1990**
 Category: Manpower and Personnel
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: N/A
 Status: Completed October 1992
 DTIC No.: AD-B171232
 Summary:

Documentation of the slowdown in enlisted Marine promotions in the last decade.

SCN: 29-920201
 CNA No.: CRM 93-117
 Title: **Mission Area Analysis MA 60 - Training**
 Category: Concepts and Plans
 Classification: Unclassified
 Sponsor: MCCDC (T&E)
 Performing Activity: CNA
 Time Frame: Mid-Range
 Status: Completed October 1993
 DTIC No.: Pending
 Summary:

Addresses those activities associated with the development of training standard and the identification of training support required to conduct institutional and unit training and professional education for individuals and units.

SCN: 29-920206
Title: **Mission Area Analysis MA 45 - Health Services**
Category: Concepts and Plans
Classification: Unclassified
Sponsor: MCCDC (C&P)
Performing Activity: ASEC
Time Frame: Mid-Range
Status: Completed April 1993
DTIC No.: AD-B172848
Summary:

Addresses those capabilities of medical and dental support units whose mission is to conserve combat power by providing health maintenance, casualty collection, casualty treatment, and temporary hospitalization and evacuation.

SCN: 29-920208
Title: **Mission Area Analysis MAs 41 and 42 - Supply and Maintenance**
Category: Concepts and Plans
Classification: Unclassified
Sponsor: MCCDC (C&P)
Performing Activity: ASEC
Time Frame: Mid-Range
Status: Completed May 1993
DTIC No.: AD-B173004
Summary:

Supply; addresses those capabilities which provide air and ground amphibious forces with supply support and supply maintenance. Maintenance; addresses those capabilities required to retain material in a serviceable condition or restore it to serviceability.

SCN: 29-920210
Title: **Marine Corps Scenario Development**
Category: Concepts and Plans
Classification: Secret/NOFORN
Sponsor: MCCDC (C&P)/HQMC (INTEL)
Performing Activity: Internal Marine Corps Working Group
Time Frame: Mid-Range
Status: Canceled
DTIC No.: N/A
Summary:

To define Marine Corps scenario requirements; to develop a design architecture for a family of scenarios which will support wargaming, modeling, and mid- and long-range research, development and analysis; and to develop, revise, and/or modify existing scenarios to support defined requirements.

SCN: 29-920211
Title: Naval Forces and Power Projection
Category: Concepts and Plans
Classification: Unclassified
Sponsor: HQMC (Commandant)
Performing Activity: Fletcher School of Diplomacy
Time Frame: Long Range
Status: Completed October 1992
DTIC No.: AD-B165038
Summary:

To investigate the strategic needs of future maritime forces to project power ashore.

SCN: 29-920212
CNA No.: TBD
Title: Componency/JTF Study
Category: Concepts and Plans
Classification: Unclassified
Sponsor: MCCDC (C&P)
Performing Activity: Internal Marine Corps Working Group/CNA
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Delineate the roles, (peacetime and wartime) missions, functions, and capabilities of the component commander. Identify the deficiencies of the Marine Corps component headquarters, subordinate MAGTF, and the MEF headquarters functioning as a JTF headquarters to perform the roles, missions, and functions required.

SCN: 29-920213
Title: Mission Area Analysis MA 43 -
Transportation
Category: Concepts and Plans
Classification: Unclassified
Sponsor: MCCDC (C&P)
Performing Activity: ASEC
Time Frame: Mid-Range
Status: Completed May 1993
DTIC No.: AD-B173003
Summary:

Addresses those functions which provide air and ground amphibious forces with capabilities for the transfer of personnel, supplies, and equipment by ground, air, or sea.

SCN: 29-920214
 CNA No.: CIM 184
 Title: **Concept of Operations for Electronic Warfare in MACE 2010**
 Category: Concepts and Plans
 Classification: Secret
 Sponsor: HQMC (AVN)
 Performing Activity: CNA
 Time Frame: Long Range
 Status: Completed January 1992
 DTIC No.: N/A
 Summary:

Assessment of the needs of the ACE which were addressed in the POM-94 decision process.

SCN: 29-920215
 CNA No.: CIM 214
 Title: **Concept of Operations and Courses of Action for Marine Air Defense in the MACE Scenario**
 Category: Concepts and Plans
 Classification: Confidential
 Sponsor: HQMC (AVN)
 Performing Activity: CNA
 Time Frame: Long Range
 Status: Completed April 1992
 DTIC No.: N/A
 Summary:

This information memorandum updates the MACE study and reports on the concept of operations and courses of action for the air defense subfunction of Marine Corps aviation.

SCN: 29-920216
 CNA No.: CIM 231
 Title: **MACE 2010: OAS Concept of Operations**
 Category: Concepts and Plans
 Classification: Confidential
 Sponsor: HQMC (AVN)
 Performing Activity: CNA
 Time Frame: Long Range
 Status: Completed May 1992
 DTIC No.: N/A
 Summary:

This information memorandum provides a concept of operations for the offensive air support function of Marine aviation.

SCN: 29-920217
CNA No.: CIM 189
Title: **Concept of Operations for Reconnaissance in MACE 2010**
Category: Concepts and Plans
Classification: Secret
Sponsor: HQMC (AVN)
Performing Activity: CNA
Time Frame: Long Range
Status: Completed October 1992
DTIC No.: N/A
Summary:

The objective of this memorandum is to provide a framework for the development of a concept of operations for the air reconnaissance function of Marine Aviation.

SCN: 29-920301
CNA No.: N/A
Title: **FMF Force Structure Determination Model**
Category: Operations and Force Structure
Classification: Unclassified
Sponsor: FMFPAC
Performing Activity: CNA
Time Frame: Mid-Range
Status: Canceled
DTIC No.: N/A
Summary:

Determine quantitative measures to represent each variable and variable combination that affect FMF force structure and develop a zero-sum model that provides an optimal FMF force structure given specific variable input

SCN: 29-920302
Title: **Manning and Equipping of the Combat Engineer Battalion**
Category: Operations and Force Structure
Classification: Unclassified
Sponsor: FMFPAC
Performing Activity: ASEC
Time Frame: Mid-Range
Status: Completed January 1994
DTIC No.: Pending
Summary:

To identify the optimum manning and equipment for each CEB.

SCN: 29-920303
Title: Crisis Interaction Requirements Study
(CIRS) - Phase II
Category: Operations and Force Structure
Classification: Secret
Sponsor: HQMC (SO/LIC, PP&O)
Performing Activity: KAPOs Associates
Time Frame: Mid-Range
Status: Completed November 1992
DTIC No.: Not held by DTIC - Special Access
Information

Summary:

To create additional prototype Special Operation TACTRASITS for the SOUTHCOM and CENTCOM regions which will provide a broader regional perspective to the MAGTF Special Operations training package.

SCN: 29-920304
Title: Organizational Structure and Command
Relationships of Medical Services in the
FMF
Category: Operations and Force Structure
Classification: Unclassified
Sponsor: FMFLANT
Performing Activity: N/A
Time Frame: Mid-Range
Status: Incorporated into SCN 29-920206
DTIC No.: N/A
Summary:

Improve continuity of medical care, planning, evacuation, regulating, responsiveness, and logistics throughout the MAGTF. Investigate the options of restructuring the medical services under a medical command (Medical Service Support Element).

SCN: 29-920305
Title: Marine Corps Air-Ground Task Force Air
Defense Organization
Category: Operations and Force Structure
Classification: Secret
Sponsor: MCCDC (REQ)
Performing Activity: PSE
Time Frame: Long Term
Status: Completed January 1993
DTIC No.: Not held by DTIC
Summary:

Evaluation through 2015 of MAGTF air defense operational concepts and concepts of operations to determine their feasibility of supporting the anti-tactical ballistic missile (ATBM) mission and joint air defense interoperability requirements.

SCN: 29-920306
Title: Measures of Effectiveness for Marine Corps
Readiness and Sustainability (Phase III)
Category: Operations and Force Structure
Classification: Unclassified
Sponsor: HQMC (LPM)
Performing Activity: PRC
Time Frame: Long Range
Status: Completed January 1994
DTIC No.: Pending
Summary:

This study implements the recommendations of an earlier effort - MOE (Phases I and II) SCN 29-910302.

SCN: 29-920307
CNA No.: CRM 91-225
Title: Marine Corps Combat Service Support
Reserve Activation for Operation Desert
Shield/Storm
Category: Operations and Force Structure
Classification: Unclassified
Sponsor: MCCDC (DOC)
Performing Activity: CNA
Time Frame: N/A
Status: Completed December 1991
DTIC No.: N/A
Summary:

Examination of the activization of combat service support reservists for Operation Desert Shield/Storm.

SCN: 29-920308
CNA No.: CRM 91-227
Title: Marine Corps Operations in Desert Shield/
Desert Storm - Volume I: Overview and
Summary
Category: Operations and Force Structure
Classification: Secret
Sponsor: MCCDC (DOC)
Performing Activity: CNA
Time Frame: N/A
Status: Completed August 1992
DTIC No.: N/A
Summary:

Overview of USMC operations ashore and afloat in Operation Desert Shield/Storm.

SCN: 29-920401
 Title: **Operational Requirements for the Relocation of MCAS Tustin to Twentynine Palms, CA**
 Category: Installations and Logistics
 Classification: Unclassified
 Sponsor: HQMC (I&L)
 Performing Activity: PSE
 Time Frame: Short Range
 Status: Completed June 1992
 DTIC No.: AD-B168173
 Summary:

Addresses projected MCAS, MAG-16 and other tenants, and MCAGCC Twentynine Palms CAX operational requirements in terms of flight operations, training administrative, maintenance, and types of storage facilities.

SCN: 29-920402
 Title: **Marine Corps Ground Ammunition Annual Peacetime and Mobilization Requirements Determination (1992)**
 Category: Installations and Logistics
 Classification: Unclassified
 Sponsor: MCCDC (T&E)
 Performing Activity: ASEC
 Time Frame: Mid-Range
 Status: Completed August 1992
 DTIC No.: AD-B169028L
 Summary:

The focus of this study is to determine, through the MCARMS methodologies, Marine Corps annual peacetime and mobilization proposed acquisition quantities for Class V(W) for the period FY94-FY99.

SCN: 29-920403
 Title: **The Marine Corps and Containers**
 Category: Installations and Logistics
 Classification: Unclassified
 Sponsor: MCCDC (REQ)
 Performing Activity: N/A
 Time Frame: Long Range
 Status: Canceled
 DTIC No.: N/A
 Summary:

Develop a concept of container usage based upon lessons learned during Operation Desert Shield/Storm and will project Marine Corps container utilization through the year 2010.

SCN: 29-920404
CNA No.: N/A
Title: **Validation and Maintenance of the Logistic Factors File (LFF) for the Marine Corps**
Category: Installations and Logistics
Classification: Unclassified
Sponsor: HQMC (I&L)
Performing Activity: CNA
Time Frame: Mid-Range
Status: Canceled
DTIC No.: N/A
Summary:

Validate, modify, and propose a service maintenance process to the LFF in order to obtain more accurate supply consumption factors.

SCN: 29-920405
CNA No.: TBD
Title: **Use of Alternate Support to Perform Maintenance that is Beyond Inherent Command Capabilities**
Category: Installations and Logistics
Classification: Unclassified
Sponsor: MCAGCC
Performing Activity: CNA
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

To determine the optimum approach to provide maintenance support for Marine Corps tactical equipment located in the MCAGCC Equipment Allowance Pool (EAP).

SCN: 29-920406
Title: **Amphibious Warfare School CSS Sustainment and Supportability Capabilities**
Category: Installations and Logistics
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: ASEC
Time Frame: Mid-Range
Status: Completed May 1992
DTIC No.: AD-B164818
Summary:

Develop a prototype wargaming/simulation device which will expand and reinforce the CSS knowledge which Marine captains of any MOS should master prior to graduation.

SCN: 29-920407
Title: **CSS Task Organization Criteria**
Category: Installations and Logistics
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: ASEC
Time Frame: Mid-Range
Status: Completed December 1993
DTIC No.: Pending
Summary:

Determine how the personnel criteria and task organization procedures currently in place should be redesigned to meet operational requirements in 1995 and beyond.

SCN: 29-920408
Title: **Depot Maintenance Activity Review**
Category: Installations and Logistics
Classification: Unclassified
Sponsor: HQMC (I&L)
Performing Activity: PRC
Time Frame: Long Range
Status: Completed December 1993
DTIC No.: Pending
Summary:

Develop a long range program that addresses the depot maintenance capabilities necessary to meet the future requirements of the Marine Corps for the next fifteen years.

SCN: 29-920409
CNA No.: TBD
Title: **Marine Aviation Logistics Support in SWA**
Category: Installations and Logistics
Classification: Unclassified
Sponsor: FMFPAC
Performing Activity: CNA
Time Frame: N/A
Status: Canceled
DTIC No.: N/A
Summary:

Examines the effectiveness of Marine Aviation Logistics during Operation Desert Shield/Storm.

SCN: 29-920410
CNA No.: CRM 93-152
Title: **Planning Factors Approach (Phase II)**
Category: Installations and Logistics
Classification: Unclassified
Sponsor: MCCDC (C&P)/HQMC (I&L/R&P)
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed August 1993
DTIC No.: AD-B171082
Summary:

Develop a methodology for determining planning factors for all classes of supplies and reconcile the competing needs of both acquisition issues for the POM and sustainability issues for MAGTF planners.

SCN: 29-920411
CNA No.: CRM 91-206
Title: **Marine Corps Transportation Support in Operation Desert Shield/Storm**
Category: Installations and Logistics
Classification: Unclassified
Sponsor: MCCDC (DOC)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed January 1992
DTIC No.: N/A
Summary:

Examination of the role motor transport, materiel-handling equipment, and intra-theater air transport in supporting I MEF during Operation Desert Shield/Storm.

SCN: 29-920412
CNA No.: CRM 91-210
Title: **Marine Corps Maintenance Support in Operation Desert Shield/Storm**
Category: Installations and Logistics
Classification: Confidential
Sponsor: MCCDC (DOC)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed January 1992
DTIC No.: N/A
Summary:

Examination of maintenance support to the Marine Corps forces during Operation Desert Shield/Storm.

SCN: 29-920413
CNA No.: CRM 91-209
Title: **Marine Corps Supply Support in Operation Desert Shield/Storm**
Category: Installations and Logistics
Classification: Secret
Sponsor: MCCDC (DOC)
Performing Activity: CNA
Time Frame: N/A
Status: Completed February 1992
DTIC No.: N/A
Summary:

Examination of supply support in the 1st Marine Expeditionary Force during Operation Desert Shield/Storm.

SCN: 29-920414
CNA No.: CRM 91-201
Title: **Marine Corps Engineer Support in Operation Desert Shield/Storm**
Category: Installations and Logistics
Classification: Confidential
Sponsor: MCCDC (DOC)
Performing Activity: CNA
Time Frame: N/A
Status: Completed February 1992
DTIC No.: N/A
Summary:

Examination of engineering support to Marine Corps forces during Operation Desert Shield/Storm.

SCN: 29-920415
CNA No.: CRM 92-58
Title: **Marine Corps Desert Storm Reconstruction Report - Volume III: Logistic Support of Ground Combat Forces**
Category: Installations and Logistics
Classification: Secret
Sponsor: MCCDC (DOC)
Performing Activity: CNA
Time Frame: N/A
Status: Completed July 1992
DTIC No.: N/A
Summary:

Description of Marine Combat Service Support during Operation Desert Storm. Addresses transportation, supply, engineering, maintenance, and health services.

SCN: 29-920416
CNA No.: CRM 92-115
Title: **MPS Maintenance Site Study**
Category: Installations and Logistics
Classification: Unclassified
Sponsor: HQMC (I&L)
Performing Activity: CNA
Time Frame: N/A
Status: Completed August 1992
DTIC No.: AD-B167142
Summary:

Examination of the options for the maintenance of equipment on MPS. The study showed that alternatives to Blount Island exist and ranks those options by cost.

SCN: 29-920417
CNA No.: CRM 92-77
Title: **The Effect of Operation Desert Shield/ Storm Operations on Planned Ship Depot Maintenance**
Category: Installations and Logistics
Classification: Secret
Sponsor: MCCDC (DOC)/OP-08
Performing Activity: CNA
Time Frame: N/A
Status: Completed June 1992
DTIC No.: N/A
Summary:

Review of the changes to the planned maintenance schedules of MPS ships and, for ships that experienced significant delays in maintenance, it evaluates the effect of these delays on material readiness.

SCN: 29-920501
Title: **Life Cycle Cost Analysis for the Advanced Amphibious Assault (AAA) Program**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: DRPM (AAA)
Performing Activity: ASEC
Time Frame: Long Range
Status: Canceled
DTIC No.: N/A
Summary:

Develop life cycle cost analyses for the AAA program and its alternatives to meet Defense Acquisition Board milestone requirements.

SCN: 29-920502
CNA No.: CRM 93-112
Title: **Simulation Offset to Live-Fire Training
(Phase I)**
Category: Science, Technology, Systems, and
Equipment
Classification: Unclassified
Sponsor: MCCDC (T&E)
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed September 1993
DTIC No.: AD-B167833
Summary:

The primary focus of the study is on training simulators and devices and how they may supplement, complement, or substitute for live-fire training using Class V(W) ammunition.

SCN: 29-920504
Title: **LAV-105 COEA**
Category: Science, Technology, Systems, and
Equipment
Classification: N/A
Sponsor: LAVPM
Performing Activity: N/A
Time Frame: Mid-Range
Status: Canceled - Program Terminated
DTIC No.: N/A
Summary:

Provide a requirement based COEA for the LAV-105 program.

SCN: 29-920505
Title: **Advanced Amphibious Assault Peacetime
Mission Profile**
Category: Science, Technology, Systems, and
Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: PRC
Time Frame: Mid-Range
Status: Completed December 1993
DTIC No.: Not held by DTIC
Summary:

Compile data that constitutes a Peacetime Mission Profile to supplement the already existing Wartime Mission Profile.

SCN: 29-920506
Title: 155mm Moritzer Feasibility Analysis
Category: Science, Technology, Systems, and Equipment
Classification: Secret
Sponsor: MARCORSYSCOM
Performing Activity: N/A
Time Frame: Mid-Range
Status: Canceled
DTIC No.: N/A
Summary:

Analyze and evaluate the feasibility of using a base-plated howitzer, or "moritzer", in meeting the requirements for a LTWT 155 System.

SCN: 29-920507
CNA No.: TBD
Title: USMC Requirements for Air Tactical Refueling Beyond the Year 2005 (KC-130 Replacement Aircraft Requirements)
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: HQMC (APW)
Performing Activity: CNA
Time Frame: Long Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Determine the number of KCX aircraft required beyond the year 2005 to include operational, training, pipeline, and attrition.

SCN: 29-920508
CNA No.: CRM 93-97
Title: Advanced Amphibious Assault Program COEA
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MARCORSYSCOM
Performing Activity: CNA
Time Frame: Long Range
Status: Completed June 1993
DTIC No.: AD-B184941
Summary:

Updated COEA of SCN DM 901003 which was completed in July 1990. Presents the results of the Advanced Amphibious Assault Ship-to-Shore performance analysis for a MEF.

SCN: 29-920509
CNA No.: CRM 91-270
Title: **Advanced Rocket System COEA**
Category: Science, Technology, Systems, and Equipment
Classification: Secret
Sponsor: HQMC (AVN) and COMNAVAIRSYSCOM
Performing Activity: CNA
Time Frame: Long Range
Status: Completed June 1992
DTIC No.: N/A
Summary:

COEA of the Advanced Rocket System (ARS) in support of a Milestone II decision on the program.

SCN: 29-920510
CNA No.: CRM 92-64
Title: **Susceptibility Reduction Through Terrain Masking and Air Speed**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: HQMC (AVN)
Performing Activity: CNA
Time Frame: N/A
Status: Completed July 1992
DTIC No.: AD-B166481
Summary:

This research memorandum describes how the altitude and airspeed of vertical takeoff landing aircraft affect the ability of a threat system to engage aircraft.

SCN: 29-920511
CNA No.: CRM 92-100
Title: **Determining the Optimal Repair Requirements for New Marine Corps Avionics Test Equipment**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: HQMC (AVN)
Performing Activity: CNA
Time Frame: Mid Range
Status: Completed August 1992
DTIC No.: AD-B167090
Summary:

Discussion of which avionics should be tested and repaired locally on CASS for the F/A-18, AV-8B, and AH-1W.

SCN: 29-920512
 CNA No.: CRM 92-155
 Title: **MACE 2010: Aircraft and Systems Required for Offensive Air Support**
 Category: Science, Technology, Systems, and Equipment
 Classification: Secret
 Sponsor: HQMC (AVN)
 Performing Activity: CNA
 Time Frame: Long Range
 Status: Completed September 1992
 DTIC No.: N/A
 Summary:

Presentation of the results of CNA's analysis of fixed-wing aircraft and systems required for the Offensive Air Support (OAS) function of Marine aviation.

SCN: 29-920601
 Title: **Marine Corps Lessons Learned System**
 Category: Management
 Classification: Unclassified
 Sponsor: MCCDC (INT)
 Performing Activity: PSE
 Time Frame: Mid-Range
 Status: Completed April 1992
 DTIC No.: AD-B170181
 Summary:

To provide feasible alternatives on how the Marine Corps Lessons Learned System can most effectively support the Marine Corps, integrate into the Concept Based Requirements System, conduct the Remedial Action Program, and distribute both classified and unclassified operational information.

SCN: 29-920602
 Title: **Mobile Electric Power (MEP) Acquisition Management Analysis**
 Category: Management
 Classification: Unclassified
 Sponsor: HQMC (I&L)
 Performing Activity: NPGS
 Time Frame: Mid-Range
 Status: Completed September 1992
 DTIC No.: AD-B171043
 Summary:

Determine and verify adequacy of the MEP requirement and subsequent acquisition objectives for current and future MEP assets.

SCN: 29-920603
Title: **Production-Weighted Qualified Military
Availables: A Review of the Methodology
and Further Analysis**
Category: Management
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed December 1991
DTIC No.: Not held by DTIC
Summary:

Evaluation of the method for allocating recruiters and recruiting quotas that is based on the production-weighted military availables.

SCN: 29-920604
CNA No.: CIM 188
Title: **LOTUS 1-2-3 Spreadsheet for Allocating
Marine Corps Recruiter Support Funding**
Category: Management
Classification: Unclassified
Sponsor: HQMC (AVN)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed December 1991
DTIC No.: Not held by DTIC
Summary:

Explanation of how to use the CNA Support Funding model to create a LOTUS 1-2-3 spreadsheet of funding allocations.

SCN: 29-920605
CNA No.: CRM 91-260
Title: **Summary of Marine Corps Operations
Analysis Group (MCOAG) Field Work -
FY 1991**
Category: Management
Classification: Unclassified
Sponsor: CNA
Performing Activity: CNA
Time Frame: N/A
Status: Completed January 1992
DTIC No.: AD-B165898
Summary:

Summary of the work completed by the MCOAG field representative in FY 1991.

SCN: 29-920701
Title: **Inter-Agency Terrorism Response Awareness Program**
Category: Intelligence
Classification: Secret
Sponsor: ASD (SOLIC)
Performing Activity: KAPOC
Time Frame: Short Range
Status: Completed August 1992
DTIC No.: Not held by DTIC - Special Access Information

Summary:

Develop prototype training tools that can be used to support an inter-agency terrorism response awareness and readiness training program.

SCN: 29-920702
Title: **Joint Intelligence Center Exercise (JICEX)**
Classification: Secret
Category: Intelligence
Sponsor: NMITC
Performing Activity: MSA
Time Frame: Mid-Range
Status: Completed October 1993
DTIC No.: N/A
Summary:

Revise the presently utilized tactical training situation at NMITC to reflect current doctrine in the area of Amphibious Warfare and Command and Control. The INTACTRASIT is woefully short of providing students with any meaningful background on the amphibious movement and assault phases.

SCN: 29-920703
Title: **System Threat Assessment for the Tactical Combat Operations (TCO) (1992-2010)**
Category: Intelligence
Classification: Secret/NOFORN
Sponsor: HQMC (INTEL)
Performing Activity: N/A
Time Frame: Long Range
Status: Canceled
DTIC No.: N/A
Summary:

Study expanded to address MTACCS - See SCN 29-920704.

SCN: 29-920704
Title: **System Threat Assessment (STA) for the
Marine Tactical Command and Control System
(MTACCS) (1992-2010)**
Category: Intelligence
Classification: Secret NOFORN
Sponsor: HQMC (INTEL)
Performing Activity: PRC
Time Frame: Long Range
Status: Completed December 1992
DTIC No.: N/A
Summary:

Assess the current and projected Russian-led confederation and regional threats to the MTACCS, especially to the communications connectivity of each MAGTF type in the full spectrum of conflict through the year 2010.

SCN: 29-920707
Title: **Desert Shield/Storm Core Analysis**
Category: Intelligence
Classification: Secret
Sponsor: MCCDC (DOC)
Performing Activity: PSE
Time Frame: N/A
Status: Completed December 1992
DTIC No.: N/A
Summary:

The objective of this effort is to collect, organize, and analyze information collected from operations in SouthWest Asia which is part of the Battle Reconstruction Management Information System.

3.4. Fiscal Year 1993

SCN: 29-930101
Title: **Personnel Requirements to Support C4I Systems/Equipment in FY97/98**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (C4I)
Performing Activity: N/A
Time Frame: Mid-Range
Status: Canceled
DTIC No.: N/A
Summary:

Determine if the optimum personnel structure is in place to support the C4I systems and individual equipment approved in the FY92-FY96 Projected Operating Material (POM).

SCN: 29-930103
CNA No.: CAB 93-20
Title: **Job Performance Surrogates in Combat**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed September 1993
DTIC No.: Pending
Summary:

Investigation into the feasibility of constructing a data base which will relate CAB scores to performance in combat.

SCN: 29-930104
CNA No.: TBD
Title: **OASD Cost Performance Trade-Off**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

To identify the feasibility of ascribing costs (recruiting, training, and maintenance) to accession characteristics, and to completely review OASD's Cost-Performance Trade-Off Model as it pertains to the Marine Corps.

SCN: 29-930105
 CNA No.: CRM 93-203
 Title: **First Term Marriages and Dependency**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed January 1994
 DTIC No.: Pending
 Summary:

Determine if married Marines are better Marines in terms of overall performance and thus worth the additional cost to the Marine Corps.

SCN: 29-930106
 CNA No.: TBD
 Title: **MOS Assignment, Allocation, and Incentive Analysis**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: In progress
 DTIC No.: To be assigned upon study completion
 Summary:

An evaluation of the effectiveness of the current military occupational specialty scheme at meeting the accession, training, assignment, and promotion requirements of the Marine Corps.

SCN: 29-930107
 CNA No.: CRM 92-189
 Title: **Career Reenlistments in the Marine Corps: FY 1980 - FY 1991**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: N/A
 Status: Completed January 1993
 DTIC No.: AD-B174149
 Summary:

Analysis of the 1980-1991 reenlistment decisions of enlisted Marines with 6 through 14 years of service.

SCN: 29-930108
CNA No.: CRM 92-212
Title: **Validity of Electronics Composite for Predicting Success in Electronics Training School**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed March 1993
DTIC No.: AD-B175771
Summary:

The EL composite of the ASVAB is investigated as to its validity in predicting success of students.

SCN: 29-930109
CNA No.: CRM 92-175
Title: **Modifications to the Method for Determining First-Term Reenlistments**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed March 1993
DTIC No.: AD-B175646
Summary:

Discussion of the FY 93 changes in the method used to determine first-term reenlistment targets by primary MOS.

SCN: 29-930110
CNA No.: CRM 92-192
Title: **Relationship Between ASVAB and Mechanical Maintenance Job Performance**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed March 1993
DTIC No.: AD-B175782
Summary:

Documentation of the ability scores from ASVAB test to predict several measures of mechanical maintenance performance.

SCN: 29-930111
 CNA No.: CRM 92-200
 Title: **First-Term Attrition in the Marine Corps**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed March 1993
 DTIC No.: AD-B175660
 Summary:

Overview of first-term attrition in the Marine Corps.

SCN: 29-930112
 CNA No.: CRM 92-213
 Title: **Enlisted Marine Corps Endstrength: A Disaggregated Look**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed June 1993
 DTIC No.: AD-B177331
 Summary:

Transition models of 36 Marine Corps occupational fields are evaluated.

SCN: 29-930113
 CNA No.: CRM 93-131
 Title: **Targeting Officer Recruiting Goals and Resources**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed July 1993
 DTIC No.: Pending
 Summary:

Addresses whether the Marine Corps can improve the way it allocates recruiting goals and resources to take advantage of regional variations in race/ethnicity.

SCN: 29-930114
 CNA No.: CRM 93-81
 Title: **Officer Accession Characteristics and Success at Officer Candidate School, Commissioning, and The Basic School**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed August 1993
 DTIC No.: Not held by DTIC
 Summary:

An analysis of the completion of OCS, survival to commissioning, and class rank at TBS.

SCN: 29-930115
 CNA No.: CRM 92-225
 Title: **Lateral Occupational Specialty Moves**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed September 1993
 DTIC No.: Pending
 Summary:

Historical analysis of the success of lateral occupational specialty moves.

SCN: 29-930201
 Title: **Mission Area Analysis MA 11 - Command and Control**
 Category: Concepts and Plans
 Classification: Unclassified
 Sponsor: MCCDC (C&P)
 Performing Activity: Internal Marine Corps Working Group/PRC
 Time Frame: Mid-Range
 Status: Completed October 1993
 DTIC No.: Pending
 Summary:

Addresses the capabilities required to command and control units performing MAGTF missions to include over-horizon command and control of tactical units.

SCN: 29-930204
Title: **Mission Area Analysis MA 46 - Services**
Category: Concepts and Plans
Classification: Unclassified
Sponsor: MCCDC (C&P)
Performing Activity: Internal Marine Corps Working Group/PRC
Time Frame: Mid-Range
Status: Completed December 1993
DTIC No.: Pending
Summary:

Addresses those capabilities required to provide combat service support to employed expeditionary forces performing land warfare missions.

SCN: 29-930206
Title: **Mission Area Analysis MA 12 - Intelligence (Update)**
Category: Concepts and Plans
Classification: Unclassified
Sponsor: MCCDC (C&P)
Performing Activity: Internal Marine Corps Working Group/PRC
Time Frame: Mid-Range
Status: Completed January 1994
DTIC No.: Pending
Summary:

Addresses the capabilities to collect, process, and disseminate information and intelligence in support of air, land, and amphibious operations.

SCN: 29-930208
Title: **Mission Area Analysis MA 13 - Security**
Category: Concepts and Plans
Classification: Unclassified
Sponsor: MCCDC (C&P)
Performing Activity: Internal Marine Corps Working Group/PRC
Time Frame: Mid-Range
Status: Completed December 1993
DTIC No.: Pending
Summary:

Addresses those capabilities for maintaining a defensive posture against actions that include conventional, unconventional, terrorist, chemical, nuclear, and biological attacks.

SCN: 29-930209
Title: **Mission Area Analysis MA 15 - Special Operations**
Category: Concepts and Plans
Classification: Unclassified
Sponsor: MCCDC (C&P)
Performing Activity: Internal Marine Corps Working Group/PRC
Time Frame: Mid-Range
Status: Completed January 1994
DTIC No.: Pending
Summary:

Addresses those capabilities required to conduct operations by specially trained, equipped, and organized forces when use of conventional forces is either inappropriate or infeasible.

SCN: 29-930210
Title: **Remotely Determining Suitability of Amphibious Landing Beaches**
Category: Concepts and Plans
Classification: Unclassified
Sponsor: HQMC (Intel)
Performing Activity: N/A
Time Frame: Mid-Range
Status: Canceled
DTIC No.: N/A
Summary:

Identify current and projected non-DoD coastal data bases which could be used by MCIC to provide updated and current coastal information to deploying or forces preparing to conduct amphibious operations.

SCN: 29-930211
Title: **Capabilities Review System (CRS)**
Category: Concepts and Plans
Classification: Unclassified
Sponsor: MCCDC (C&P)
Performing Activity: N/A
Time Frame: Mid-Range
Status: Canceled
DTIC No.: N/A
Summary:

Determine CRS functional requirements, determine and technically define the associated Combat Development Process (CDP) and CRS process.

SCN: 29-930212
 CNA No.: CRM 93-132
 Title: **Rapid Deployment of Expeditionary Airfield (EAF) Equipment**
 Category: Concepts and Plans
 Classification: Unclassified
 Sponsor: FMFPAC
 Performing Activity: CNA
 Time Frame: Mid-Range
 Status: Completed January 1994
 DTIC No.: Pending
 Summary:

Determine the availability of more deployable EAF equipment and/or identify better deployment methods in order to enhance deployment of the MAGTF Aviation Combat Element and increase flexibility.

SCN: 29-930213
 Title: **Mission Area Analysis MA 24 - Fire Support**
 Category: Concepts and Plans
 Classification: Unclassified
 Sponsor: MCCDC (C&P)
 Performing Activity: Internal Marine Corps Working Group/PRC
 Time Frame: Mid-Range
 Status: Completed October 1993
 DTIC No.: AD-B175771
 Summary:

Addresses those conventional, nuclear, and chemical capabilities and support related to the use of tactical combat power against threat ground maneuver forces .

SCN: 29-930214
 CNA No.: CRM 92-18
 Title: **MACE 2010 Electronic Warfare Effectiveness**
 Category: Concepts and Plans
 Classification: Secret
 Sponsor: HQMC (AVN)
 Performing Activity: CNA
 Time Frame: Long Range
 Status: Completed April 1992
 DTIC No.: Not held by DTIC
 Summary:

Study concentrates on the EW aspects of the MACE 2010 effort. Description of the effectiveness analysis of various force mixes.

SCN: 29-930215
 CNA No.: CIM 215
 Title: **Marine Aviation Combat Element (MACE)
 2010: Assault Support Transport Concept
 of Operations**
 Category: Concepts and Plans
 Classification: Confidential
 Sponsor: HQMC (AVN)
 Performing Activity: CNA
 Time Frame: Long Range
 Status: Completed May 1992
 DTIC No.: Not held by DTIC
 Summary:

Discussion of the Assault Support Transport (AST) function of Marine Aviation, including the role of AST in 2010.

SCN: 29-930216
 Title: **Mission Area Analysis MA 32 Anti-Air
 Warfare**
 Category: Concepts and Plans
 Classification: Unclassified
 Sponsor: MCCDC (C&P)
 Performing Activity: Internal Marine Corps Working Group/PRC
 Time Frame: Mid-Range
 Status: Completed January 1994
 DTIC No.: Pending
 Summary:

Investigation of the Marine Corps' mission requirements for anti-air warfare for the period FY93-FY03. AAW tasks, their frequency of occurrence, and the conditions under which they must be performed are addressed.

SCN: 29-930217
 CNA No.: TBD
 Title: **Operational Maneuver from the Sea:
 Project CULEBRA**
 Category: Concepts and Plans
 Classification: Secret
 Sponsor: MCCDC (S&A)
 Performing Activity: CNA
 Time Frame: Long Range
 Status: In progress
 DTIC No.: To be assigned upon study completion
 Summary:

Study objective is to refine the concept of Operational Maneuver From the Sea (OMFTS) and explore what its implementation means for combat development.

SCN: 29-930218
 Title: **Command and Control Concept Development Game**
 Category: Concepts and Plans
 Classification: Unclassified
 Sponsor: MCCDC (S&A)
 Performing Activity: MCCDC S&A Division (Analysis Branch)
 Time Frame: Mid-Range
 Status: Completed June 1993
 DTIC No.: Pending
 Summary:

Results of a war game held 5-9 April 1993. The C2 game was part of an overall effort to develop a C2 functional concept for the Marine Corps and was a natural progression from the OMFTS War Game held at MCCDC in late 1992.

SCN: 29-930219
 CNA No.: TBD
 Title: **The Marine Corps and Humanitarian Assistance Operations**
 Category: Concepts and Plans
 Classification: Unclassified
 Sponsor: MCCDC (C&SW)
 Performing Activity: CNA
 Time Frame: Mid-Range
 Status: In progress
 DTIC No.: To be assigned upon study completion
 Summary:

Examination of how the Marine Corps can best conduct humanitarian assistance operations. The study is broad in scope commencing with a historical review which concentrates on lessons learned from 1990 to the present.

SCN: 29-930220
 Title: **A Concept for Command and Control in the MAGTF**
 Category: Concepts and Plans
 Classification: Unclassified
 Sponsor: MCCDC (C&P)
 Performing Activity: PRC
 Time Frame: Mid-Range
 Status: In progress
 DTIC No.: To be assigned upon study completion
 Summary:

Study focuses on the development of a command and control concept that will delineate the fundamental principles of command and control and describe how these principles will function in the realm of operational concepts.

SCN: 29-930221
CNA No.: CRM 93-10
Title: **Individual Training for Mission Area
Analysis of Marine Corps Training**
Category: Concepts and Plans
Classification: Unclassified
Sponsor: MCCDC (T&E)
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed June 1993
DTIC No.: Pending
Summary:

Documentation of a survey of Marine Corps individual training conducted in support of the Mission Area Analysis for Training.

SCN: 29-930222
CNA No.: CRM 93-113
Title: **Collective Training for Mission Area
Analysis of Marine Corps Training**
Category: Concepts and Plans
Classification: Unclassified
Sponsor: MCCDC (T&E)
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed July 1993
DTIC No.: Pending
Summary:

Documentation of a survey of Marine Corps collective training conducted in support of the Mission Area Analysis for Training.

SCN: 29-930301
CNA No.: TBD
Title: **OPTEMPO and Readiness (renamed Training
Readiness)**
Category: Operations and Force Structure
Classification: Unclassified
Sponsor: MCCDC (T&E)
Performing Activity: CNA
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Develop a methodology to measure the effect changes in ground OPTEMPO have on readiness. Specifically, determine how ground OPTEMPO as measured by battalion field training days (BFTD) equates to readiness.

SCN: 29-930302
 CNA No.: CRM 91-208
 Title: **Marine Corps Combat Service Support Task Organization in Operation Desert Shield/Storm**
 Category: Operations and Force Structure
 Classification: Unclassified
 Sponsor: MCCDC (REQ)
 Performing Activity: CNA
 Time Frame: N/A
 Status: Completed Oct 1992
 DTIC No.: AD-B166409
 Summary:

Description of the task organization of the 1st Service Support Group during Operation Desert Shield/Storm. Provides a preliminary assessment of the ability of 1st FSSG to support MARCENT forces.

SCN: 29-930303
 CNA No.: CRM 92-52
 Title: **MACE 2010 Project Wargame Final Report**
 Category: Operations and Force Structure
 Classification: Unclassified
 Sponsor: HQMC (AVN)
 Performing Activity: CNA
 Time Frame: N/A
 Status: Completed Oct 1993
 DTIC No.: N/A
 Summary:

Final report of wargame which exercised two different ACE structures - one high technology and the other reflected the minimum required capabilities.

SCN: 29-930304
 Title: **AntiArmor Force Mix and Operational Mix**
 Category: Operations and Force Structure
 Classification: Unclassified
 Sponsor: MARCORSYSCOM
 Performing Activity: MCCDC S&A Division (Analysis Branch)
 Time Frame: Mid-Range
 Status: Completed October 1993
 DTIC No.: Pending
 Summary:

Goal of the study was to answer two antiarmor acquisition related questions. First, is the current HAW-MAW-LAW approach to antiarmor operations a viable tactical method? Second, given various weapons mixes, which are most effective?

SCN: 29-930305
 CNA No.: TBD
 Title: **Operation RESTORE HOPE Reconstruction and Analysis**
 Category: Operations and Force Structure
 Classification: Unclassified
 Sponsor: MCCDC (INT)
 Performing Activity: CNA
 Time Frame: N/A
 Status: In progress
 DTIC No.: To be assigned upon study completion
 Summary:

Consolidate, organize, and analyze information collected during Operation Restore Hope to aid in the planning, training, and development of SOPs for future operations.

SCN: 29-930306
 CNA No.: CRM 93-97
 Title: **USMC Fixed-Wing Tactical Air Strikes During Operation DESERT STORM**
 Category: Operations and Force Structure
 Classification: Secret
 Sponsor: VCNO and COMSEVENTHFLT
 Performing Activity: CNA
 Time Frame: N/A
 Status: Completed October 1993
 DTIC No.: N/A
 Summary:

Summarizes USMC fixed-wing sorties flown during Operation DESERT STORM from 17 January to 27 February 1991.

SCN: 29-930307
 CNA No.: CRM 93-107
 Title: **USMC Desert Storm TACAIR Database**
 Category: Operations and Force Structure
 Classification: Secret
 Sponsor: VCNO and COMSEVENTHFLT
 Performing Activity: CNA
 Time Frame: N/A
 Status: Completed October 1993
 DTIC No.: N/A
 Summary:

Database contains mission data and USMC TACAIR strikes conducted during Operation DESERT STORM.

SCN: 29-930308
 CNA No.: CRM 93-120
 Title: **Rule of Engagement (ROE) for Humanitarian Intervention**
 Category: Operations and Force Structure
 Classification: Unclassified
 Sponsor: I MEF
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed October 1993
 DTIC No.: Pending
 Summary:

Examination of the ROE for USMC and USA ground forces participating in Operation RESTORE HOPE.

SCN: 29-930309
 CNA No.: CRM 93-140
 Title: **Military Relations with Humanitarian Relief Organizations (HROs): Operation RESTORE HOPE**
 Category: Operations and Force Structure
 Classification: Unclassified
 Sponsor: I MEF
 Performing Activity: CNA
 Time Frame: N/A
 Status: Completed October 1993
 DTIC No.: Pending
 Summary:

An examination of military-HRO relations in threat operation. Suggests options that commanders could consider to improve relations.

SCN: 29-930310
 CNA No.: CRM 93-95
 Title: **Crisis Action Planning for Operation RESTORE HOPE**
 Category: Operations and Force Structure
 Classification: Secret
 Sponsor: I MEF
 Performing Activity: CNA
 Time Frame: N/A
 Status: Completed November 1993
 DTIC No.: N/A
 Summary:

Documentation of the planning process for Operation RESTORE HOPE from the perspective of I MEF.

SCN: 29-930403
Title: **Automation of Marine Corps Exercise Building, Personnel, Supply, and Maintenance Modules for Use Within the Combat Service Support Training Simulation System (CSSTSS)**
Category: Installations and Logistics
Classification: Unclassified
Sponsor: MCCDC (DOC)
Performing Activity: CASCOM
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Automate the capability to build Marine Corps units and their inherent task organization capabilities for use in unit CPXs and LOGEX 93 and 94.

SCN: 29-930404
CNA No.: TBD
Title: **Shore Support for Fleet Marine Forces in the Western Pacific**
Category: Installations and Logistics
Classification: Unclassified
Sponsor: MCCDC (INT)
Performing Activity: CNA
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

This study attempts to estimate the value of Japanese bases to FMF operations to the year 2000. Additionally, it assesses U.S. tenure at existing bases and the availability of possible alternatives.

SCN: 29-930405
CNA No.: CRM 93-119
Title: **Battle Damage Assessment and Repair (BDAR) Model**
Category: Installations and Logistics
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed June 1993
DTIC No.: AD-B177307
Summary:

A description of the Battle Damage and Assessment (BDAR) model, a computer model developed at CNA to analyze how BDAR affects Marine Corps maintenance policies.

SCN: 29-930406
 CNA No.: CRM 92-150
 Title: **Alternative Methodologies for Marine Corps Planning Factors**
 Category: Installations and Logistics
 Classification: Unclassified
 Sponsor: MCCDC (S&A)
 Performing Activity: CNA
 Time Frame: Mid-Range
 Status: Completed July 1993
 DTIC No.: Pending
 Summary:

Description of possible alternative methodologies for determining Marine Corps logistics planning factors.

SCN: 29-930502
 Title: **Mobile Electric Power Optimization Model**
 Category: Science, Technology, Systems, and Equipment
 Classification: Unclassified
 Sponsor: MCCDC (S&A)
 Performing Activity: NPS
 Time Frame: Mid-Range
 Status: Completed December 1992
 DTIC No.: AD-B169029
 Summary:

Develop a methodology that can be used to determine the type and quantity of mobile electric power generators necessary to meet current and future total Marine Corps electrical demand.

SCN: 29-930503
 Title: **Object-Oriented Modeling and Analysis of a Marine Corps Communications Architecture**
 Category: Science, Technology, Systems, and Equipment
 Classification: Unclassified
 Sponsor: MCCDC (S&A)
 Performing Activity: NPS
 Time Frame: Mid-Range
 Status: Completed December 1992
 DTIC No.: AD-A246995
 Summary:

Develop a communications architecture analysis model which will give decision makers, analysts, and communications officers the ability to quantify the effectiveness of alternative tactical radio system configurations within a given MAGTF.

SCN: 29-930504
Title: Medium Tactical Vehicle Replacement (MTVR)
COEA
Category: Science, Technology, Systems, and
Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: Completed September 1993
DTIC No.: Pending
Summary:

Evaluate and compare the alternatives for replacing the existing fleet of M809 and M939 series 5 ton medium tactical trucks.

SCN: 29-930505
Title: Tactical Combat Operations (TCO) COEA
Category: Science, Technology, Systems, and
Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: Completed October 1993
DTIC No.: Pending
Summary:

Analyze the requirements and alternatives relative to the TCO functions of MTACCS developed to date and provide recommendations to the proponent, program office, and the decision making authority.

SCN: 29-930506
Title: LAV Day/Night Sight COEA
Category: Science, Technology, Systems, and
Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: Completed January 1993
DTIC No.: AD-B171468
Summary:

Compare and evaluate various day/night sight alternatives for LAVs and determine their operational/cost effectiveness.

SCN: 29-930507
Title: **Technical Control and Analysis Center
Product Improvement Program COEA**
Category: Science, Technology, Systems, and
Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: Completed February 1993
DTIC No.: Pending
Summary:

Compare and evaluate various Technical Control and Analysis Center improvement alternatives and determine their operational/cost effectiveness.

SCN: 29-930508
Title: **M9 Armored Combat Earthmover (ACE) COEA**
Category: Science, Technology, Systems, and
Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: Completed December 1992
DTIC No.: AD-B171467
Summary:

Compare and evaluate various options for an armored combat earthmover and determine their operational/cost effectiveness.

SCN: 29-930509
Title: **81mm Infrared Flare Mortars Cartridges
(IMC) COEA**
Category: Science, Technology, Systems, and
Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: Completed December 1992
DTIC No.: AD-B172329
Summary:

Compare and evaluate various options for infrared flare mortar cartridge alternatives and determine their operational/cost effectiveness.

SCN: 29-930510
Title: **Ground Based Integrated Air Defense Command, Control and Early Warning System COEA**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: Completed July 1993
DTIC No.: Pending
Summary:

Compare and evaluate various options for ground based integrated air defense command, control and early warning systems and determine their operational/cost effectiveness.

SCN: 29-930511
Title: **Automated Nuclear, Biological, and Chemical Hazard Information and Warning (NBC HAZWARN) System COEA**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: Completed July 1993
DTIC No.: AD-B175808
Summary:

Compare and evaluate various options for NBC HAZWARN systems and determine their operational/cost effectiveness.

SCN: 29-930512
Title: **Amphibious Vehicle Mine Neutralization System (Mineplow/Rake) COEA**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: Completed May 1993
DTIC No.: AD-B175714
Summary:

Compare and evaluate various options for an amphibious vehicle mine neutralization system and determine their operational/cost effectiveness.

SCN: 29-930513
Title: **Muzzle Velocity Measuring Set COEA**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: Completed February 1993
DTIC No.: AD-B171466
Summary:

Compare and evaluate various options for a muzzle velocity test set.

SCN: 29-930514
Title: **MAGTF Secondary Imagery Dissemination System COEA**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: Completed June 1993
DTIC No.: AD-B172448
Summary:

Compare and evaluate the military utility of alternatives which satisfy the requirement for a MAGTF Secondary Imagery Discrimination System (SIDS)

SCN: 29-930515
Title: **Combat Shotgun COEA**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: Canceled
DTIC No.: N/A
Summary:

Compare and evaluate the various candidates for combat shotgun in support of a Milestone I decision.

SCN: 29-930516
Title: Digital Circuit Card Tester COEA
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: Canceled
DTIC No.: N/A
Summary:

Analysis of the various options to improve or replace the AN/TTC-42 Unit Level Circuit Switch.

SCN: 29-930517
Title: Hybrid Mobile Direct Air Support Central (HMDASC) COEA
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: Canceled
DTIC No.: N/A
Summary:

Analysis of HMDASC alternatives in support of a Milestone I decision.

SCN: 29-930518
Title: Light Strike Vehicle (LSV) COEA
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: Completed May 1993
DTIC No.: Pending
Summary:

Analysis of LSV alternatives in support of a Milestone I decision.

SCN: 29-930519
Title: **Connectivity to the U.S. Army GUARDRAIL System COEA**
Category: Science, Technology, Systems and Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: Completed December 1993
DTIC No.: Pending
Summary:

Analysis of options available for the Marine Corps to be able to interface with the Army's GUARDRAIL System.

SCN: 29-930520
Title: **Magnetic Countermine System COEA**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: Canceled
DTIC No.: N/A
Summary:

Evaluation of various magnetic countermine system alternatives in support of a Milestone I decision.

SCN: 29-930521
Title: **Improved Rigid Raiding Craft (IRRC) COEA**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: Completed July 1993
DTIC No.: AD-B175420
Summary:

Analysis of the various IRRC options available in support of a Milestone I decision.

SCN: 29-930522
Title: **Improved Medium Machine Gun (IMMC) COEA**
Category: Science, Technology, Systems, and
Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: MCCDC S&A Division (Analysis Branch/PSE
Time Frame: Mid-Range
Status: Completed October 1993
DTIC No.: Pending
Summary:

Analysis of the various IMMG options available in support of a Milestone I decision.

SCN: 29-930523
Title: **Third Echelon Test Set**
Category: Science, Technology, Systems, and
Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: Completed January 1994
DTIC No.: AD-B179618L
Summary:

Analysis of the various test set options available for a Milestone I decision.

SCN: 29-930524
Title: **Close Quarter Battle Weapon**
Category: Science, Technology, Systems, and
Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: Completed September 1993
DTIC No.: AD-B177599L
Summary:

Analysis of the CQBW options in support of a Milestone I decision.

SCN: 29-930525
Title: **SIGINT Technologies**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: PRC
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

To identify SIGINT equipment and technologies which could be used to improve the Radio Battalions' ability to perform its mission.

SCN: 29-930526
Title: **Analysis of MAGTF Mission Area Equipment Assessment Packages**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC (INT)
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Short Range
Status: Completed January 1994
DTIC No.: Pending
Summary:

Assess each package and define the criteria that is used to determine the size and capability block for each program.

SCN: 29-930527
Title: **Comparative Cost Analysis for the Short Range Assault Weapon (SRAW) COEA**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Analysis of the various SRAW options available for a Milestone I/II acquisition decision.

SCN: 29-930528
Title: **Close Range UAV COEA**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Provides a review and documentation of close range UAV requirements, and a definition and evaluation of measures of supportability for close range UAV alternatives.

SCN: 29-930529
Title: **Near-Term Tactical Ballistic Missile Defense System COEA**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Determine the relative advantages and disadvantages of each alternative TBMD based on cost effectiveness and comparison analysis.

SCN: 29-930530
CNA No.: TBD
Title: **Maneuver Warfare Analytical and Research System Model**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC (S&A)
Performing Activity: CNA
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

The study is designed to produce an analytical tool that analysts can personally use to support quick-reaction analyses and studies of concepts, doctrine, force structure, equipment, and sustainability.

SCN: 29-930531
CNA No.: CRM 92-162
Title: **A Cost-and-Effectiveness Methodology for Evaluating Use of Simulators in Marine Corps Live-Fire Training**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC (REQ)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed January 1993
DTIC No.: AD-B173742
Summary:

Description of a methodology developed for use in Marine Corps training programs for use in live-fire training.

SCN: 29-930532
CNA No.: CIM 238
Title: **Simulation Offset to Live-Fire Training (Phase II)**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC (T&E)
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed January 1993
DTIC No.: AD-B173795
Summary:

Identification of cost-effective ways of using simulators and training devices to complement, augment, or offset live-fire training.

SCN: 29-930702
Title: **Joint Intelligence Center Exercise (JICEX)/Field Exercise (FEX) Intelligence Training Scenario Situation (INTACTRASIT)**
Category: Intelligence
Classification: Unclassified
Performing Activity: MSA
Time Frame: Mid-Range
Status: Completed April 1993
DTIC No.: N/A
Summary:

Develop a JICEX/FEX Intelligence Tactical Training Situation for the Middle East based upon the current world situation. Additionally, develop a self-paced instructional package based upon the new scenario.

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SCN: DM-940201
Title: Mission Area Analysis MA 36 - Electronic Warfare
Category: Concepts and Plans
Classification: Unclassified
Performing Activity: PRC, Inc.
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion.
Summary:

To address capabilities required to determine, exploit, reduce or prevent hostile use of the electromagnetic spectrum; identify deficiencies; and to identify opportunities that will enhance capabilities and/or correct deficiencies.

SCN: DM-940202
Title: Mission Area Analysis MA 33 - Assault Support
Category: Concepts and Plans
Classification: Unclassified
Performing Activity: TBA
Time Frame: Mid-Range
Status: To be initiated FY94
DTIC No.: To be assigned upon completion
Summary:

To address capabilities related to those actions required for the airlift of personnel, supplies, and equipment into or within the battle area by helicopters or fixed-wing aircraft; identify deficiencies; and to identify opportunities that will enhance capabilities and/or correct deficiencies.

SCN: DM-940203
Title: Mission Area Analysis MA 22 - Ground Tactical Mobility/Counter mobility
Category: Concepts and Plans
Classification: Unclassified
Performing Activity: TBD
Time Frame: Mid-Range
Status: To be initiated in FY94
DTIC No.: To be assigned upon completion
Summary:

To address the capabilities required to project and support deployed tactical forces including those efforts directly related to combat engineer efforts providing maneuverability to combat forces; identify deficiencies; and to identify opportunities that will enhance capabilities and/or correct deficiencies.

SCN: DM-940204
Title: Mission Area Analysis MA 34 - Offensive
Air Support (Update)
Category: Concepts and Plans
Classification: Unclassified
Performing Activity: TBD
Time Frame: Mid-Range
Status: To be initiated in FY94
DTIC No.: To be assigned upon completion
Summary:

To address capabilities of air operations that actually deliver firepower against enemy ground forces for the destruction or neutralization of installations, equipment, and personnel; identify deficiencies; and to identify opportunities that will enhance capabilities and/or correct deficiencies.

SCN: DM-940205
Title: Mission Area Analysis MA 35 - Control of
Aircraft, Missiles, and UAVs
Category: Concepts and Plans
Classification: Unclassified
Performing Activity: PRC, Inc.
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon completion
Summary:

To address capabilities required to command and control tactical units performing aerial reconnaissance and offensive air support, antiair warfare, assault support, and electronic warfare missions; identify deficiencies; and identify opportunities that will enhance capabilities and/or correct deficiencies.

SCN: DM-940206
Title: Mission Area Analysis MA 42 - Maintenance
Category: Concepts and Plans
Classification: Unclassified
Performing Activity: TBD
Time Frame: Mid-Range
Status: To be initiated in FY94
DTIC No.: To be assigned upon completion
Summary:

To determine capabilities and identify deficiencies and opportunities of the MAGTF to retain all air and ground material in a serviceable condition or to restore it to serviceability; identify deficiencies; and to identify opportunities that will enhance capabilities and/or correct deficiencies.

SCN: DM-940207
Title: Mission Area Analysis MA 44 -
Expeditionary Engineering
Category: Concepts and Plans
Classification: Unclassified
Performing Activity: TBD
Time Frame: Mid-Range
Status: To be initiated in FY94
DTIC No.: To be assigned upon completion
Summary:

To address those capabilities related to military engineering support and service support for the landing force as a whole; identify deficiencies and to identify opportunities that will enhance capabilities and/or correct deficiencies.

SCN: DM-940208
Title: Mission Area Analysis MA 41 - Supply
Category: Concepts and Plans
Classification: Unclassified
Performing Activity: TBD
Time Frame: Mid-Range
Status: To be initiated in FY94
DTIC No.: To be assigned upon completion
Summary:

To address those capabilities which provide air and ground amphibious forces with supply and supply maintenance support; capabilities required to retain material in a serviceable condition or to restore it to serviceability; capabilities required to provide combat service support to employed expeditionary forces performing land warfare missions; identify deficiencies; and to identify opportunities that will enhance capabilities and/or correct deficiencies.

SCN: DM-940301
Title: Evaluation of Marine Corps and Joint Force
Deployment
Category: Operations and Force Structure
Classification: Unclassified
Performing Activity: TBD
Time Frame: Mid-Range
Status: To be initiated in FY94
DTIC No.: To be assigned upon completion
Summary:

To determine the similarities/dissimilarities within the USMC of force deployment operations, procedures, and policies consistent with those required by the joint community.

SCN: DM-940302
Title: Long Range Technology Assessment
Category: Operations and Force Structure
Classification: Unclassified
Performing Activity: CNA
Time Frame: Long-Range
Status: In Progress
DTIC No.: To be assigned upon completion
Summary:

Identify technologies projected to be available during the period 1996-2016 and assess their impact on Marine Corps mid-range combat force structure and combat development objectives.

SCN: DM-940303
Title: Tactical Air Integration
Category: Operations and Force Structure
Classification: Unclassified
Performing Activity: TBD
Time Frame: Mid-Range
Status: To be initiated in FY94
DTIC No.: To be assigned upon completion
Summary:

To examine and refine issues related to tactical air integration, from both the Marine and Navy perspective.

SCN: DM-940401
Title: Planning Factors Approach (Phase III)
Category: Installations and Logistics
Classification: Unclassified
Performing Activity: TBD
Time Frame: Mid-Range
Status: To be initiated in FY94
DTIC No.: To be assigned upon completion
Summary:

To develop an implementation plan of the Planning Factor calculation method selected by the Marine Corps and to develop any models necessary for calculating the individual planning factors.

SCN: DM-940402
Title: **Rapid Deployment of Expeditionary Airfield (EAF) Equipment**
Category: Installations and Logistics
Classification: Unclassified
Performing Activity: TBD
Time Frame: Mid-Range
Status: To be initiated in FY94
DTIC No.: To be assigned upon completion
Summary:

To identify more rapidly deployable EAF equipment and/or delivery methods (floating barges, geoprepositioned sites, etc.).

SCN: DM-940403
Title: **Battle Damage Assessment and Repair (BDAR)**
Category: Installations and Logistics
Classification: Unclassified
Performing Activity: LMI
Time Frame: Mid-Range
Status: In Progress
DTIC No.: To be assigned upon completion
Summary:

Determine which components/elements of other Service BDAR programs can be successfully adopted by the Marine Corps. Develop the "blue print" for a Marine Corps BDAR program that addresses policy/doctrine, the acquisition process, training, operations and sustainment planning, modeling and simulation, interservice cooperation, and criteria including equipment in the BDAR program. Formulate a proposed plan for initiating a Marine Corps BDAR program for ground equipment.

SCN: DM-940404
Title: **Dry Cell Battery Support to the Fleet Marine Force**
Category: Installations and Logistics
Classification: Unclassified
Performing Activity: TBD
Time Frame: Mid-Range
Status: To be initiated in FY94
DTIC No.: To be assigned upon completion
Summary:

Determine the individual end items in the Marine Corps inventory that utilize dry cell batteries. Determine the specific dry cell batteries used by each end item, including primary and alternate battery types. Determine the daily consumption rate for each battery type when used in support of an individual end item. Determine the effect of the operating climate (temperate, tropical, or arctic) on the battery consumption rates for each end item. Develop a methodology for identifying Marine Corps battery-supported equipment and their respective consumption rates.

SCN: DM-940405
Title: **Application of LOGMARS Technology**
Category: Installations and Logistics
Classification: Unclassified
Performing Activity: TBD
Time Frame: Long-Range
Status: To be initiated in FY94
DTIC No.: To be assigned upon completion
Summary:

The study should include methods utilized to produce and manage on-site packing and inventory lists that can then be read in the area of operations by the receiving command to identify the contents of each container.

SCN: DM-940501
Title: **SIGINT Umbrella Study**
Category: Science, Technology, Systems, & Equipment
Classification: Unclassified
Performing Activity: PRC, Inc.
Time Frame: Mid-Range
Status: In Progress
DTIC No.: To be assigned upon completion
Summary:

To determine if changes in communications and non-communications mission factors will affect the MAGTF's ability to conduct tactical SIGINT operations and, if applicable, develop a plan and guidance to ensure MAGTF's retain effective organic and external support capabilities.

SCN: DM-940502
Title: **Theater Ballistic Missile (TBM) Command, Control, and Communications (C3) Architecture Analysis within the Marine Air Command and Control System (MACCS)**
Category: Sciences, Technology, Systems & Equipment
Classification: Unclassified
Performing Activity: TBD
Time Frame: Mid-Range
Status: To be initiated in FY94
DTIC No.: To be assigned upon completion
Summary:

To determine the C3 architecture needed to implement a TBM capability within the MACCS for the near, mid, and long term, while adhering to established doctrine, concepts, and manpower. To determine which agencies and platforms within the MACCS need to have Joint Tactical Information Distribution System (JTIDS) terminals in order for the MAGTF to provide an effective TBM capability.

SCN: DM-940503
Title: C⁴ Architecture Study
Category: Sciences, Technology, Systems & Equipment
Classification: Unclassified
Performing Activity: PRC, Inc.
Time Frame: Near, Mid, and Long-Range
Status: In Progress
DTIC No.: To be assigned upon completion
Summary:

To determine the C⁴I information and information exchange requirements (GENSER and SCI), both internal and external, of the Marine Corps MAGTF and supporting establishment. To define a specific command and control system (C2S) architecture for the MAGTF and supporting establishment for the near-, mid-, and long-term.

SCN: DM-940504
Title: Joint Tactical Information Distribution System (JTIDS) and Tactical Digital Information Link-J (TADIL-J) 1995-2010
(Short Title: Study Directive JTIDS/TADIL-J 1995-2010)

Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Performing Activity: PRC, Inc.
Time Frame: Long-Range
Status: In Progress
DTIC No.: To be assigned upon completion
Summary:

Revalidate and identify any deficiencies in the current plans to field the JTIDS/TADIL-J system to support high speed digital communications for the MAGTF in joint operations.

SCN: DM-940505
Title: Meteorological and Oceanographic (METOC) Support
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Performing Activity: PRC, Inc.
Time Frame: Long-Range
Status: In Progress
DTIC No.: To be assigned upon completion
Summary:

To develop an architecture and plan for providing METOC support to the MAGTF.

SCN: DM-940506
Title: **Simulation Offset to Live-Fire Training
(Phase III)**
Category: Sciences, Technology, Systems, and
Equipment
Classification: Unclassified
Performing Activity: CNA
Time Frame: Short Range
Status: In progress
DTIC No.: To be assigned upon completion
Summary:

This study will assess the potential for using a simulator to offset some of the live rounds currently used for training. The scope of Phase III will specifically focus on the 0331 Machine Gunners Course at the School of Infantry-East (SOI-E).

APPENDIX 1

STUDIES CONTROL NUMBERING SYSTEM FY 1991 - PRESENT

1. All SCNs contain the Marine Corps DTIC accession indicator "29" or "DM" followed by six digits positioned as described below:

a. The first two positions indicate the last two digits of the fiscal year.

b. The third and fourth positions contain two digits identifying the category:

- 01 = Manpower and Personnel
- 02 = Concepts and Plans
- 03 = Operations and Force Structure
- 04 = Installations and Logistics
- 05 = Sciences, Technology, Systems, and Equipment
- 06 = Management
- 07 = Intelligence
- 08 = International Security

c. The fifth and sixth positions contain a sequence number for each category.